

GenCore version 6.2.1  
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OM protein - protein search, using sw model

Run on: July 12, 2007, 01:54:17 ; Search time 74 Seconds  
(without alignments)  
38.174 Million cell updates/sec

Title: US-10-789-222a-2

Perfect score: 106

Sequence: 1 LCTKGVLLKGGKREKPF 20

Scoring table:

Gapop 10.0 , Gapext 0.5

Searched: 975083 seqs, 141243105 residues

Total number of hits satisfying chosen parameters: 975083

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 1000 summaries

Database : Issued Patents AA:\*

- 1: /EMC\_Celerra\_SID33/prodata/1/iaa/5\_COMB.pep.\*
- 2: /EMC\_Celerra\_SID33/prodata/1/iaa/6\_COMB.pep.\*
- 3: /EMC\_Celerra\_SID33/prodata/1/iaa/7\_COMB.pep.\*
- 4: /EMC\_Celerra\_SID33/prodata/1/iaa/H\_COMB.pep.\*
- 5: /EMC\_Celerra\_SID33/prodata/1/iaa/PTUS\_COMB.pep.\*
- 6: /EMC\_Celerra\_SID33/prodata/1/iaa/RE\_COMB.pep.\*
- 7: /EMC\_Celerra\_SID33/prodata/1/iaa/backfiles1.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match %	Length	ID	Description
1	106	100.0	260	3	US-10-273-180-2
2	106	100.0	298	3	US-10-273-180-4
3	106	100.0	309	3	US-10-273-180-6
4	106	100.0	312	3	US-10-273-180-8
5	106	100.0	478	2	US-08-740-223A-7
6	106	100.0	478	2	US-09-709-188-7
7	106	100.0	478	2	US-10-225-060-7
8	106	100.0	478	3	US-11-073-120-7
9	106	100.0	495	2	US-08-740-223A-26
10	106	100.0	495	2	US-09-709-188-26
11	106	100.0	495	2	US-10-225-060-26
12	106	100.0	495	3	US-11-073-120-26
13	106	100.0	497	2	US-08-740-223A-14
14	106	100.0	497	2	US-09-709-188-14
15	106	100.0	497	2	US-10-225-060-14
16	106	100.0	497	3	US-11-073-120-14
17	106	100.0	498	1	US-08-373-579-2
18	106	100.0	498	1	US-08-418-595-2
19	106	100.0	498	1	US-08-665-926-2
20	106	100.0	498	1	US-08-348-492-2
21	106	100.0	498	2	US-09-162-437-2
22	106	100.0	498	2	US-08-740-223A-2
23	106	100.0	498	2	US-08-740-223A-20
24	106	100.0	498	2	US-09-351-457-2
25	106	100.0	498	2	US-09-561-500-2
26	106	100.0	498	2	US-09-561-108-2
27	106	100.0	498	2	US-09-351-543-2
28	106	100.0	498	2	US-09-561-526-2
29	106	100.0	498	2	US-09-202-491-5
30	106	100.0	498	2	US-09-202-491-6
31	106	100.0	498	2	US-08-817-318-2
32	106	100.0	498	2	US-09-709-188-2
33	106	100.0	498	2	US-09-709-188-20
34	106	100.0	498	2	US-09-561-499-2
35	106	100.0	498	2	US-09-442-717-2
36	106	100.0	498	2	US-09-689-020-2
37	106	100.0	498	2	US-09-998-831-2
38	106	100.0	498	2	US-09-561-005-2
39	106	100.0	498	2	US-09-819-386-2
40	106	100.0	498	2	US-09-351-598-2
41	106	100.0	498	2	US-10-225-060-2
42	106	100.0	498	2	US-10-225-060-20
43	106	100.0	498	2	US-10-018-386-3
44	106	100.0	498	2	US-10-215-224-5
45	106	100.0	498	2	US-10-215-224-6
46	106	100.0	498	2	US-10-214-812-5
47	106	100.0	498	2	US-10-214-812-6
48	106	100.0	498	2	US-09-562-245-2
49	106	100.0	498	3	US-11-073-120-2
50	106	100.0	498	3	US-11-073-120-20
51	106	100.0	498	3	US-10-373-561-2
52	106	100.0	498	3	US-10-179-613-2
53	106	100.0	498	3	US-10-603-293-2
54	106	100.0	498	3	US-09-351-149-2
55	96	90.6	495	2	US-09-351-457-5
56	96	90.6	495	2	US-09-561-500-5
57	96	90.6	495	2	US-09-561-108-5
58	96	90.6	495	2	US-09-351-543-5
59	96	90.6	495	2	US-09-561-526-5
60	96	90.6	495	2	US-09-561-499-5
61	96	90.6	495	2	US-09-998-831-5
62	96	90.6	495	2	US-09-561-005-5
63	96	90.6	495	2	US-09-819-386-5
64	96	90.6	495	2	US-09-351-598-5
65	96	90.6	495	2	US-09-562-245-5
66	96	90.6	495	3	US-10-373-561-5
67	96	90.6	495	3	US-09-351-149-5
68	90	84.9	491	2	US-08-740-223A-13
69	90	84.9	491	2	US-09-709-188-13
70	90	84.9	491	2	US-10-225-060-13
71	90	84.9	491	3	US-11-073-120-13
72	89.5	84.4	490	2	US-08-740-223A-12
73	89.5	84.4	490	2	US-09-709-188-12
74	89.5	84.4	490	2	US-10-225-060-12
75	89.5	84.4	490	3	US-11-073-120-12
76	89.5	84.4	497	2	US-08-740-223A-4
77	89.5	84.4	497	2	US-09-709-188-4
78	89.5	84.4	497	2	US-10-225-060-4
79	89.5	84.4	497	3	US-11-073-120-4
80	86.5	81.6	497	1	US-08-373-579-4
81	86.5	81.6	497	1	US-08-418-595-4
82	86.5	81.6	497	1	US-08-665-926-4
83	86.5	81.6	497	1	US-08-348-492-4
84	86.5	81.6	497	2	US-09-162-437-4
85	86.5	81.6	497	2	US-08-817-318-4
86	86.5	81.6	497	2	US-09-442-717-4
87	86.5	81.6	497	2	US-09-689-020-4
88	86.5	81.6	497	3	US-10-179-615-4
89	86.5	81.6	497	3	US-10-603-293-4
90	70.5	66.5	395	2	US-09-949-016-11110
91	49	46.2	453	3	US-09-201-228B-679
92	49	46.2	688	2	US-09-438-185A-870
93	49	46.2	719	3	US-09-134-000C-5427
94	47	44.3	79	3	US-09-237-981E-6
95	47	44.3	161	1	US-08-162-402B-19
96	46.5	43.9	591	2	US-09-976-594-576
97	46.5	43.9	615	2	US-09-949-016-7695
98	46	43.4	151	3	US-10-703-032-165482
99	46	43.4	921	2	US-09-439-711C-4

100	46	43.4	922	2	US-09-116-473-4	Sequence 4, Appli	173	41	38.7	181	5	PCT-US95-02950-2	Sequence 2, Appli
101	46	43.4	923	2	US-08-936-135-6	Sequence 6, Appli	174	41	38.7	234	1	US-09-949-016-8797	Sequence 8797, Ap
102	46	43.4	923	2	US-09-439-711C-6	Sequence 6, Appli	175	41	38.7	243	1	US-08-439-725A-2	Sequence 8, Appli
103	45	42.5	168	1	US-08-951-822-22	Sequence 22, Appl	176	41	38.7	243	1	US-08-439-725A-8	Sequence 2, Appli
104	45	42.5	168	1	US-09-368-951-22	Sequence 22, Appl	177	41	38.7	243	1	US-08-867-471-2	Sequence 8, Appli
105	45	42.5	168	2	US-09-229-947-22	Sequence 22, Appl	178	41	38.7	243	1	US-08-867-471-8	Sequence 8, Appli
106	45	42.5	168	3	US-10-315-431-22	Sequence 22, Appl	179	41	38.7	243	1	US-08-438-439C-25	Sequence 25, Appl
107	45	42.5	262	3	US-10-703-032-130072	Sequence 130072,	180	41	38.7	243	1	US-08-951-822-21	Sequence 21, Appl
108	45	42.5	923	2	US-09-439-711C-2	Sequence 2, Appli	181	41	38.7	243	2	US-08-705-245-8	Sequence 8, Appli
109	45	42.5	923	2	US-09-583-638-2	Sequence 2, Appli	182	41	38.7	243	2	US-09-368-951-21	Sequence 21, Appl
110	44	41.5	172	2	US-09-328-352-6827	Sequence 6827, Ap	183	41	38.7	243	2	US-09-390-207-15	Sequence 15, Appl
111	44	41.5	249	2	US-08-311-731A-271	Sequence 271, App	184	41	38.7	243	2	US-09-229-947-21	Sequence 21, Appl
112	44	41.5	373	2	US-09-198-452A-934	Sequence 934, App	185	41	38.7	243	2	US-09-490-714-8	Sequence 8, Appli
113	44	41.5	373	3	US-10-289-762-934	Sequence 934, App	186	41	38.7	243	2	US-09-490-714-8	Sequence 8, Appli
114	44	41.5	798	3	US-09-540-209B-10034	Sequence 10034, A	187	41	38.7	243	2	US-09-949-016-11373	Sequence 11373, A
115	43	40.6	373	2	US-09-540-236-1942	Sequence 1942, Ap	188	41	38.7	243	3	PCT-US96-06664-2	Sequence 2, Appli
116	43	40.6	384	2	US-09-328-352-5673	Sequence 5673, Ap	189	41	38.7	266	3	US-10-703-032-115599	Sequence 115599,
117	43	40.6	415	2	US-09-008-353A-6	Sequence 6, Appli	190	41	38.7	493	2	US-09-252-991A-25746	Sequence 25746, A
118	43	40.6	415	2	US-09-573-986-6	Sequence 6, Appli	191	41	38.7	498	2	US-09-489-039A-13576	Sequence 13576, A
119	43	40.6	415	3	US-09-826-212A-6	Sequence 6, Appli	192	41	38.7	563	2	US-09-134-001C-4800	Sequence 4800, Ap
120	43	40.6	415	3	US-09-518-931-8	Sequence 8, Appli	193	41	38.7	563	3	US-09-450-969-5570	Sequence 5570, Ap
121	43	40.6	530	2	US-09-328-352-7333	Sequence 7333, Ap	194	41	38.7	563	3	US-10-724-972B-5570	Sequence 5570, Ap
122	43	40.6	1060	3	US-09-540-209B-10154	Sequence 10154, A	195	41	38.7	790	2	US-09-543-681A-5847	Sequence 5847, Ap
123	43	40.6	1788	1	US-08-962-284-2	Sequence 2, Appli	196	41	38.7	917	2	US-09-252-991A-17718	Sequence 17718, A
124	43	40.6	1792	1	US-08-962-284-4	Sequence 4, Appli	197	40.5	38.2	62	3	US-10-703-032-160751	Sequence 160751,
125	42.5	40.1	163	2	US-09-710-279-2598	Sequence 2598, Ap	198	40.5	38.2	116	3	US-10-703-032-178611	Sequence 178611,
126	42.5	40.1	168	2	US-09-248-796A-21473	Sequence 21473, A	199	40.5	38.2	142	3	US-10-703-032-117186	Sequence 117186,
127	42.5	40.1	1013	3	US-10-451-467A-546	Sequence 546, App	200	40.5	38.2	176	3	US-09-540-209B-10250	Sequence 10250, A
128	42	39.6	51	2	US-09-513-999C-6424	Sequence 6424, Ap	201	40.5	38.2	1004	2	US-09-155-558-29	Sequence 29, Appl
129	42	39.6	51	3	US-10-793-479-6424	Sequence 6424, Ap	202	40	37.7	59	2	US-09-513-999C-6309	Sequence 6309, Ap
130	42	39.6	58	3	US-10-703-032-173860	Sequence 173860,	203	40	37.7	59	3	US-10-793-479-6309	Sequence 6309, Ap
131	42	39.6	116	2	US-09-949-016-8957	Sequence 8957, Ap	204	40	37.7	127	2	US-08-705-771-12	Sequence 12, Appl
132	42	39.6	116	2	US-09-949-016-8958	Sequence 8958, Ap	205	40	37.7	127	2	US-09-417-540-12	Sequence 12, Appl
133	42	39.6	131	2	US-09-248-796A-15268	Sequence 15268, A	206	40	37.7	127	2	US-09-949-016-6313	Sequence 6313, Ap
134	42	39.6	138	3	US-10-077-584-2	Sequence 2, Appli	207	40	37.7	127	3	US-09-017-715A-2	Sequence 2, Appli
135	42	39.6	140	2	US-09-405-035-1	Sequence 1, Appli	208	40	37.7	127	3	US-10-267-849A-33	Sequence 33, Appl
136	42	39.6	140	2	US-09-405-035-2	Sequence 2, Appli	209	40	37.7	142	2	US-09-949-016-7786	Sequence 7786, Ap
137	42	39.6	140	2	US-09-405-035-3	Sequence 3, Appli	210	40	37.7	164	3	US-10-703-032-157347	Sequence 157347,
138	42	39.6	140	2	US-09-405-035-4	Sequence 4, Appli	211	40	37.7	164	3	US-10-703-032-159391	Sequence 159391,
139	42	39.6	140	2	US-09-904-987-4	Sequence 4, Appli	212	40	37.7	220	2	US-09-248-796A-17809	Sequence 17809, A
140	42	39.6	140	2	US-09-949-016-5929	Sequence 5929, Ap	213	40	37.7	228	3	US-10-703-032-135699	Sequence 135699,
141	42	39.6	140	5	PCT-US94-09789-2	Sequence 2, Appli	214	40	37.7	228	3	US-10-703-032-135703	Sequence 135703,
142	42	39.6	141	3	US-09-806-842-10	Sequence 10, Appl	215	40	37.7	228	3	US-10-703-032-135714	Sequence 135714,
143	42	39.6	145	2	US-09-949-016-8955	Sequence 8955, Ap	216	40	37.7	231	3	US-10-703-032-105966	Sequence 105966,
144	42	39.6	145	2	US-09-949-016-8956	Sequence 8956, Ap	217	40	37.7	232	2	US-09-553-498-6	Sequence 6, Appli
145	42	39.6	343	2	US-09-270-767-41701	Sequence 41701, A	218	40	37.7	232	2	US-09-618-869-6	Sequence 6, Appli
146	42	39.6	367	2	US-10-223-978-7	Sequence 7, Appli	219	40	37.7	233	3	US-10-703-032-107149	Sequence 107149,
147	42	39.6	367	3	US-10-713-851-7	Sequence 7, Appli	220	40	37.7	247	2	US-08-705-245-11	Sequence 11, Appl
148	42	39.6	370	2	US-09-489-039A-11795	Sequence 11795, A	221	40	37.7	247	2	US-09-390-207-26	Sequence 26, Appl
149	42	39.6	394	2	US-09-140-466-6	Sequence 6, Appli	222	40	37.7	247	2	US-09-490-714-11	Sequence 11, Appl
150	42	39.6	394	2	US-09-492-709A-247	Sequence 247, App	223	40	37.7	257	2	US-09-385-219A-40	Sequence 40, Appl
151	42	39.6	406	3	US-09-253-691C-6020	Sequence 6020, Ap	224	40	37.7	275	2	US-09-134-000C-4132	Sequence 4132, Ap
152	42	39.6	417	2	US-09-489-039A-10819	Sequence 10819, A	225	40	37.7	285	3	US-09-619-049-1284	Sequence 1284, Ap
153	42	39.6	426	3	US-09-489-039A-10819	Sequence 10819, A	226	40	37.7	407	2	US-09-252-991A-21346	Sequence 21346, A
154	42	39.6	592	2	US-10-104-047-3366	Sequence 3366, Ap	227	40	37.7	409	2	US-09-252-991A-31174	Sequence 31174, A
155	42	39.6	1088	2	US-09-130-242-2	Sequence 2, Appli	228	40	37.7	410	2	US-09-252-991A-31174	Sequence 31174, A
156	42	39.6	1088	2	US-09-583-610D-2	Sequence 2, Appli	229	40	37.7	429	2	US-09-107-532A-7193	Sequence 7193, Ap
157	42	39.6	1088	2	US-09-949-016-6935	Sequence 6935, Ap	230	40	37.7	526	2	US-09-396-154-34	Sequence 34, Appl
158	42	39.6	1091	2	US-09-949-016-8955	Sequence 8955, Ap	231	40	37.7	576	2	US-09-543-681A-7747	Sequence 7747, Ap
159	41.5	39.2	192	3	US-10-703-032-117273	Sequence 117273,	232	40	37.7	597	3	US-09-252-691C-9323	Sequence 9323, Ap
160	41	38.7	110	3	US-10-703-032-177939	Sequence 177939,	233	40	37.7	631	2	US-09-134-000C-6175	Sequence 6175, Ap
161	41	38.7	124	3	US-09-513-999C-6283	Sequence 6283, Ap	234	40	37.7	810	2	US-09-538-092-1275	Sequence 1275, Ap
162	41	38.7	124	3	US-10-793-479-6283	Sequence 6283, Ap	235	40	37.7	862	3	US-09-958-359-35	Sequence 35, Appl
163	41	38.7	139	3	US-09-901-938A-14	Sequence 14, Appl	236	40	37.7	1047	3	US-10-498-584-2	Sequence 2, Appli
164	41	38.7	141	3	US-10-049-429-28	Sequence 28, Appl	237	40	37.7	1047	3	US-10-498-584-4	Sequence 4, Appli
165	41	38.7	181	1	US-08-464-590A-9	Sequence 9, Appli	238	40	37.7	1237	3	US-10-154-419-82	Sequence 82, Appl
166	41	38.7	181	1	US-08-462-169B-18	Sequence 18, Appl	239	40	37.7	1237	3	US-09-921-159-32	Sequence 32, Appl
167	41	38.7	181	1	US-08-207-412B-2	Sequence 2, Appli	240	39.5	37.3	485	3	US-10-666-642-196	Sequence 196, App
168	41	38.7	181	2	US-09-103-079-18	Sequence 18, Appl	241	39.5	37.3	506	3	US-09-252-691C-9666	Sequence 9666, Ap
169	41	38.7	181	2	US-09-093-585-9	Sequence 9, Appl	242	39.5	37.3	514	2	US-09-489-039A-10028	Sequence 10028, A
170	41	38.7	181	2	US-09-425-021-18	Sequence 18, Appl	243	39.5	37.3	627	3	US-10-703-032-108306	Sequence 108306, A
171	41	38.7	181	2	US-09-564-829-12	Sequence 12, Appl	244	39	36.8	60	2	US-09-248-796A-23373	Sequence 23373, A
172	41	38.7	181	2	US-09-572-406B-3	Sequence 3, Appli	245	39	36.8	81	2	US-09-107-532A-6208	Sequence 6208, Ap

246	39	36.8	104	2	US-10-034-7429-2979	Sequence 2379, Ap	319	39	36.8	255	1	US-08-464-590A-2	Sequence 2, Appli
247	39	36.8	120	3	US-10-703-032-150746	Sequence 150746, Ap	320	39	36.8	255	1	US-08-462-1698-19	Sequence 19, Appl
248	39	36.8	139	3	US-09-901-938A-16	Sequence 16, Appl	321	39	36.8	255	2	US-09-103-079-19	Sequence 19, Appl
249	39	36.8	141	3	US-10-049-429-29	Sequence 29, Appl	322	39	36.8	255	2	US-09-093-585-2	Sequence 2, Appli
250	39	36.8	144	2	US-09-270-767-31734	Sequence 31734, A	323	39	36.8	255	2	US-09-425-021-19	Sequence 19, Appl
251	39	36.8	180	3	US-09-252-691C-6318	Sequence 6318, Ap	324	39	36.8	255	2	US-09-564-829-13	Sequence 13, Appl
252	39	36.8	184	2	US-09-902-540-16159	Sequence 16159, A	325	39	36.8	255	2	US-09-572-4068-2	Sequence 2, Appli
253	39	36.8	197	1	US-08-686-878A-6	Sequence 6, Appli	326	39	36.8	265	1	US-08-177-109A-57	Sequence 57, Appl
254	39	36.8	203	3	US-10-703-032-135803	Sequence 135803, A	327	39	36.8	265	1	US-08-687-706-57	Sequence 57, Appl
255	39	36.8	210	3	US-09-248-796A-18912	Sequence 18912, A	328	39	36.8	294	2	US-09-252-991A-32328	Sequence 32328, A
256	39	36.8	243	2	US-08-705-245-1	Sequence 1, Appli	329	39	36.8	301	2	US-09-949-016-11124	Sequence 11124, A
257	39	36.8	243	2	US-09-490-714-1	Sequence 1, Appli	330	39	36.8	351	2	US-07-945-295-2	Sequence 2, Appli
258	39	36.8	244	3	US-10-703-032-123690	Sequence 123690, A	331	39	36.8	351	3	US-09-540-2098-8694	Sequence 8694, Ap
259	39	36.8	245	1	US-08-438-439C-2	Sequence 2, Appli	332	39	36.8	351	5	PCT-US91-06418-1	Sequence 1, Appli
260	39	36.8	245	1	US-08-911-822-24	Sequence 24, Appl	333	39	36.8	381	2	US-09-252-991A-25148	Sequence 25148, A
261	39	36.8	245	2	US-08-705-245-2	Sequence 2, Appli	334	39	36.8	435	2	US-09-270-767-42150	Sequence 42150, A
262	39	36.8	245	2	US-08-705-245-9	Sequence 9, Appli	335	39	36.8	545	2	US-09-351-2248-3	Sequence 3, Appli
263	39	36.8	245	2	US-09-368-951-24	Sequence 24, Appl	336	39	36.8	545	2	US-09-677-488A-3	Sequence 3, Appli
264	39	36.8	245	2	US-09-330-207-25	Sequence 25, Appl	337	39	36.8	545	2	US-09-677-682B-3	Sequence 3, Appli
265	39	36.8	245	2	US-09-229-947-24	Sequence 24, Appl	338	39	36.8	545	2	US-09-882-694B-3	Sequence 3, Appli
266	39	36.8	245	2	US-09-490-714-2	Sequence 2, Appli	339	39	36.8	582	3	US-09-252-691C-8487	Sequence 8487, Ap
267	39	36.8	245	2	US-09-490-714-9	Sequence 9, Appli	340	39	36.8	593	2	US-09-543-681A-5368	Sequence 5368, Ap
268	39	36.8	245	2	US-09-931-181-495	Sequence 495, App	341	39	36.8	605	2	US-09-252-991A-32874	Sequence 32874, A
269	39	36.8	245	2	US-09-930-444-495	Sequence 495, App	342	39	36.8	611	2	US-10-101-464A-925	Sequence 925, App
270	39	36.8	245	2	US-09-937-333-495	Sequence 495, App	343	39	36.8	697	2	US-09-252-991A-32689	Sequence 32689, A
271	39	36.8	245	2	US-09-932-598-495	Sequence 495, App	344	39	36.8	702	1	US-08-177-109A-2	Sequence 2, Appli
272	39	36.8	245	2	US-09-989-735-495	Sequence 495, App	345	39	36.8	764	1	US-08-687-706-2	Sequence 2, Appli
273	39	36.8	245	3	US-09-989-726-495	Sequence 495, App	346	39	36.8	764	1	US-09-949-002-325	Sequence 325, App
274	39	36.8	245	3	US-09-937-514-495	Sequence 495, App	347	39	36.8	764	2	US-09-949-016-11021	Sequence 11021, A
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276	39	36.8	245	3	US-09-937-349-495	Sequence 495, App	349	39	36.8	798	2	US-09-949-016-11021	Sequence 11021, A
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278	39	36.8	245	3	US-09-989-293A-495	Sequence 495, App	351	39	36.8	847	3	US-09-540-2098-5879	Sequence 5879, Ap
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283	39	36.8	245	3	US-09-989-328-495	Sequence 495, App	356	39	36.8	1933	2	US-10-152-886-83	Sequence 83, Appl
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285	39	36.8	245	3	US-09-989-733-495	Sequence 495, App	358	39	36.8	1935	2	US-09-538-092-916	Sequence 10970, A
286	39	36.8	245	3	US-09-931-583-495	Sequence 495, App	359	39	36.8	1935	2	US-09-949-016-10970	Sequence 1, Appli
287	39	36.8	245	3	US-10-152-398-280	Sequence 280, App	360	39	36.8	1935	2	US-09-538-092-917	Sequence 917, App
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293	39	36.8	245	3	US-10-144-814-280	Sequence 280, App	366	38.5	36.3	610	1	US-08-363-470-3	Sequence 3, Appli
294	39	36.8	245	3	US-10-124-822-280	Sequence 280, App	367	38.5	36.3	610	2	US-09-209-668-19	Sequence 19, Appl
295	39	36.8	245	3	US-09-930-439-495	Sequence 495, App	368	38.5	36.3	610	2	US-09-009-490A-89	Sequence 89, Appl
296	39	36.8	245	3	US-09-937-641-495	Sequence 495, App	369	38.5	36.3	610	2	US-09-949-016-5942	Sequence 5942, Ap
297	39	36.8	245	3	US-09-937-384-495	Sequence 495, App	370	38.5	36.3	610	2	US-09-982-262C-90	Sequence 90, Appl
298	39	36.8	245	3	US-10-315-431-24	Sequence 24, Appl	371	38.5	36.3	610	7	5217870-2	Patent No. 5217870
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305	39	36.8	245	3	US-10-152-395-280	Sequence 280, App	378	38	35.8	105	2	US-09-902-540-13396	Sequence 13396, A
306	39	36.8	245	3	US-10-131-822A-280	Sequence 280, App	379	38	35.8	106	2	US-09-107-532A-7131	Sequence 7131, Ap
307	39	36.8	245	3	US-10-142-763-280	Sequence 280, App	380	38	35.8	108	3	US-09-538-092-368	Sequence 368, App
308	39	36.8	245	3	US-10-128-694A-280	Sequence 280, App	381	38	35.8	119	3	US-10-703-032-177948	Sequence 177948, A
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310	39	36.8	245	3	US-10-123-213-280	Sequence 280, App	383	38	35.8	129	2	US-09-590-540-3	Sequence 3, Appli
311	39	36.8	245	3	US-10-123-909-280	Sequence 280, App	384	38	35.8	132	2	US-09-134-001C-5049	Sequence 5049, Ap
312	39	36.8	245	3	US-10-131-826A-280	Sequence 280, App	385	38	35.8	132	3	US-09-450-969-6558	Sequence 6558, Ap
313	39	36.8	245	3	US-10-147-513-280	Sequence 280, App	386	38	35.8	132	3	US-10-724-972B-6558	Sequence 6558, Ap
314	39	36.8	245	3	US-10-121-043-280	Sequence 280, App	387	38	35.8	134	2	US-09-270-767-43790	Sequence 43790, A
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316	39	36.8	246	1	US-08-438-439C-11	Sequence 11, Appl	389	38	35.8	142	2	US-09-296-670-2	Sequence 2, Appli
317	39	36.8	254	2	US-10-101-464A-652	Sequence 652, App	390	38	35.8	142	3	US-10-049-429-30	Sequence 30, Appl
318	39	36.8	254	3	US-10-108-260A-2580	Sequence 2580, App	391	38	35.8	150	3	US-10-703-032-138858	Sequence 138858, A

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393	38	35.8	151	3	US-10-703-032-123549	Sequence 123549,	466	38	35.8	252	2	US-09-564-829-2	Sequence 23, Appl
394	38	35.8	170	2	US-09-328-352-6822	Sequence 6822, Ap	467	38	35.8	264	2	US-09-866-319A-67	Sequence 67, Appl
395	38	35.8	179	3	US-10-703-032-206908	Sequence 206908,	468	38	35.8	274	2	US-10-104-047-3108	Sequence 3108, Ap
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398	38	35.8	208	1	US-08-142-897-7	Sequence 7, Appl	471	38	35.8	322	2	US-09-902-540-12673	Sequence 12673, A
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402	38	35.8	208	3	US-09-720-469A-44	Sequence 44, Appl	475	38	35.8	393	3	US-09-248-796A-17475	Sequence 17475, A
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404	38	35.8	216	3	US-10-049-562-1	Sequence 1, Appl	477	38	35.8	418	3	US-10-703-032-132954	Sequence 132954,
405	38	35.8	217	3	US-10-703-032-137477	Sequence 137477,	478	38	35.8	428	2	US-09-252-991A-27023	Sequence 27023, A
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407	38	35.8	242	3	US-09-979-932A-705	Sequence 705, App	480	38	35.8	443	2	US-09-248-796A-16816	Sequence 16816, A
408	38	35.8	242	1	US-08-951-822-23	Sequence 23, Appl	481	38	35.8	446	2	US-09-134-000C-3908	Sequence 3908, Ap
409	38	35.8	247	2	US-09-368-951-23	Sequence 23, Appl	482	38	35.8	450	3	US-09-540-209B-8782	Sequence 8782, Ap
410	38	35.8	247	2	US-09-390-207-16	Sequence 16, Appl	483	38	35.8	467	3	US-10-703-032-116995	Sequence 116995,
411	38	35.8	247	2	US-09-229-947-23	Sequence 23, Appl	484	38	35.8	501	3	US-09-252-691C-7711	Sequence 7711, Ap
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421	38	35.8	247	3	US-09-997-349-499	Sequence 499, App	494	38	35.8	516	3	US-11-027-802A-4311	Sequence 4311, Ap
422	38	35.8	247	3	US-09-997-653-499	Sequence 499, App	495	38	35.8	516	3	US-11-027-879A-4311	Sequence 4311, Ap
423	38	35.8	247	3	US-09-989-293A-499	Sequence 499, App	496	38	35.8	521	2	US-09-107-433-2785	Sequence 2785, Ap
424	38	35.8	247	3	US-09-989-732-499	Sequence 499, App	497	38	35.8	535	2	US-09-540-209B-5254	Sequence 5254, Ap
425	38	35.8	247	3	US-09-990-441-499	Sequence 499, App	498	38	35.8	548	2	US-09-252-991A-21629	Sequence 21629, A
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427	38	35.8	247	3	US-09-989-328-499	Sequence 499, App	500	38	35.8	662	1	US-08-261-304-7	Sequence 7, Appl
428	38	35.8	247	3	US-09-989-724-499	Sequence 499, App	501	38	35.8	704	2	US-09-487-558B-218	Sequence 218, App
429	38	35.8	247	3	US-09-989-733-499	Sequence 499, App	502	38	35.8	735	5	PCT-US93-00031-13	Sequence 13, Appl
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431	38	35.8	247	3	US-10-152-398-284	Sequence 284, App	504	38	35.8	739	2	US-08-482-073-6	Sequence 6, Appl
432	38	35.8	247	3	US-09-989-279-499	Sequence 499, App	505	38	35.8	739	5	PCT-US93-00031-9	Sequence 9, Appl
433	38	35.8	247	3	US-10-123-907-284	Sequence 284, App	506	38	35.8	976	2	US-08-894-997-50	Sequence 50, Appl
434	38	35.8	247	3	US-10-147-512-284	Sequence 284, App	507	38	35.8	976	2	US-09-873-155A-50	Sequence 50, Appl
435	38	35.8	247	3	US-10-147-485-284	Sequence 284, App	508	38	35.8	1011	2	US-09-939-853A-13	Sequence 13, Appl
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438	38	35.8	247	3	US-10-124-822-284	Sequence 284, App	511	38	35.8	3460	2	US-09-334-220-1	Sequence 14, Appl
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440	38	35.8	247	3	US-09-997-641-499	Sequence 499, App	513	37.5	35.4	75	2	US-09-543-681A-6432	Sequence 6432, Ap
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443	38	35.8	247	3	US-10-131-833A-284	Sequence 284, App	516	37.5	35.4	102	3	US-10-042-865-121	Sequence 121, App
444	38	35.8	247	3	US-10-142-419-284	Sequence 284, App	517	37.5	35.4	104	2	US-10-037-417-74	Sequence 74, Appl
445	38	35.8	247	3	US-09-997-585-499	Sequence 499, App	518	37.5	35.4	104	3	US-10-080-334-241	Sequence 241, App
446	38	35.8	247	3	US-10-152-375-284	Sequence 284, App	519	37.5	35.4	174	2	US-09-489-035A-9239	Sequence 9239, Ap
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450	38	35.8	247	3	US-10-152-395-284	Sequence 284, App	523	37.5	35.4	377	2	US-09-540-209B-7839	Sequence 7839, Ap
451	38	35.8	247	3	US-10-142-762A-284	Sequence 284, App	524	37.5	35.4	404	2	US-09-712-363-257	Sequence 257, App
452	38	35.8	247	3	US-10-142-762A-284	Sequence 284, App	525	37.5	35.4	426	1	US-08-476-008-63	Sequence 63, Appl
453	38	35.8	247	3	US-10-128-694A-284	Sequence 284, App	526	37.5	35.4	426	1	US-08-306-063-63	Sequence 63, Appl
454	38	35.8	247	3	US-09-997-601-499	Sequence 499, App	527	37.5	35.4	426	1	US-08-833-485-63	Sequence 63, Appl
455	38	35.8	247	3	US-10-123-213-284	Sequence 284, App	528	37.5	35.4	426	2	US-09-137-440-63	Sequence 63, Appl
456	38	35.8	247	3	US-10-123-909-284	Sequence 284, App	529	37.5	35.4	426	3	US-09-464-099A-63	Sequence 63, Appl
457	38	35.8	247	3	US-10-131-826A-284	Sequence 284, App	530	37.5	35.4	426	6	US-10-622-201-63	Sequence 63, Appl
458	38	35.8	247	3	US-10-147-513-284	Sequence 284, App	531	37.5	35.4	427	3	US-10-513-639-20	Sequence 20, Appl
459	38	35.8	247	3	US-10-121-043-284	Sequence 284, App	532	37.5	35.4	870	2	US-09-177-650-91	Sequence 91, Appl
460	38	35.8	252	1	US-08-462-169B-2	Sequence 2, Appl	533	37.5	35.4	870	3	US-10-096-578-91	Sequence 91, Appl
461	38	35.8	252	1	US-08-462-169B-2	Sequence 2, Appl	534	37.5	35.4	923	3	US-10-108-260A-3314	Sequence 3314, Ap
462	38	35.8	252	2	US-09-103-079-2	Sequence 2, Appl	535	37	34.9	54	2	US-09-621-976-4469	Sequence 4469, Ap
463	38	35.8	252	2	US-09-103-079-23	Sequence 23, Appl	536	37	34.9	56	2	US-09-513-999C-5660	Sequence 5660, Ap
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541	37	34.9	83	3	US-10-703-032-180127	Sequence 180127, Ap	614	37	34.9	447	6	US-08-365-689-1	Sequence 1, Appli
542	37	34.9	92	2	US-09-248-796A-26270	Sequence 26270, A	615	37	34.9	451	3	US-09-201-228B-406	Sequence 406, App
543	37	34.9	93	3	US-10-703-032-156468	Sequence 156468, Ap	616	37	34.9	459	2	US-09-513-783A-170	Sequence 170, App
544	37	34.9	96	3	US-10-703-032-164543	Sequence 164543, Ap	617	37	34.9	459	2	US-10-100-957A-170	Sequence 170, App
545	37	34.9	103	3	US-10-703-032-207259	Sequence 207259, Ap	618	37	34.9	463	2	US-09-602-787A-630	Sequence 630, App
546	37	34.9	104	3	US-10-703-032-159726	Sequence 159726, Ap	619	37	34.9	465	2	US-09-270-767-43452	Sequence 43452, A
547	37	34.9	117	3	US-10-703-032-189375	Sequence 189375, Ap	620	37	34.9	476	2	US-09-675-018B-8	Sequence 8, Appli
548	37	34.9	130	3	US-10-703-032-183777	Sequence 183777, Ap	621	37	34.9	476	2	US-09-675-018B-10	Sequence 10, Appli
549	37	34.9	140	3	US-10-703-032-164958	Sequence 164958, Ap	622	37	34.9	476	2	US-10-428-041-8	Sequence 8, Appli
550	37	34.9	155	1	US-08-606-143-8	Sequence 8, Appli	623	37	34.9	476	2	US-10-428-041-10	Sequence 10, Appli
551	37	34.9	155	1	US-08-606-143-14	Sequence 14, Appli	624	37	34.9	482	3	US-10-170-789-30	Sequence 30, Appli
552	37	34.9	155	1	US-08-606-143-17	Sequence 17, Appli	625	37	34.9	485	3	US-10-840-275-11	Sequence 11, Appli
553	37	34.9	155	1	US-08-606-143-23	Sequence 23, Appli	626	37	34.9	489	3	US-10-703-032-130992	Sequence 130992, A
554	37	34.9	156	3	US-10-703-032-180866	Sequence 180866, Ap	627	37	34.9	529	2	US-09-385-219A-44	Sequence 44, Appli
555	37	34.9	158	3	US-09-540-209B-8509	Sequence 8509, Ap	628	37	34.9	529	2	US-09-949-016-6196	Sequence 6196, Ap
556	37	34.9	162	2	US-10-104-047-3144	Sequence 3144, Ap	629	37	34.9	529	2	US-10-768-158-10	Sequence 10, Appli
557	37	34.9	166	3	US-10-703-032-111330	Sequence 111330, Ap	630	37	34.9	537	2	US-09-949-016-7509	Sequence 7509, Ap
558	37	34.9	173	3	US-10-703-032-123380	Sequence 123380, Ap	631	37	34.9	538	2	US-09-949-016-8017	Sequence 8017, Ap
559	37	34.9	179	3	US-10-703-032-139139	Sequence 139139, Ap	632	37	34.9	542	3	US-09-252-691C-8459	Sequence 8459, Ap
560	37	34.9	180	3	US-10-703-032-209361	Sequence 209361, Ap	633	37	34.9	582	2	US-09-489-039A-12080	Sequence 12080, A
561	37	34.9	189	3	US-10-703-032-121664	Sequence 121664, Ap	634	37	34.9	648	2	US-09-107-532A-4660	Sequence 4660, Ap
562	37	34.9	192	3	US-10-703-032-123509	Sequence 123509, Ap	635	37	34.9	700	2	US-09-252-991A-28344	Sequence 28344, A
563	37	34.9	193	2	US-09-583-110-4821	Sequence 4821, Ap	636	37	34.9	705	2	US-09-252-991A-21897	Sequence 21897, A
564	37	34.9	193	3	US-11-028-099A-4821	Sequence 4821, Ap	637	37	34.9	719	3	US-10-703-032-119281	Sequence 119281, A
565	37	34.9	193	3	US-11-028-291A-4821	Sequence 4821, Ap	638	37	34.9	853	2	US-10-094-749-2391	Sequence 2391, Ap
566	37	34.9	193	3	US-11-027-878A-4821	Sequence 4821, Ap	639	37	34.9	853	2	US-09-489-039A-11009	Sequence 11009, A
567	37	34.9	193	3	US-11-027-399-4821	Sequence 4821, Ap	640	37	34.9	915	2	US-09-538-092-8631	Sequence 8631, App
568	37	34.9	193	3	US-11-027-877A-4821	Sequence 4821, Ap	641	37	34.9	916	2	US-09-949-016-6611	Sequence 6611, Ap
569	37	34.9	193	3	US-11-027-891A-4821	Sequence 4821, Ap	642	37	34.9	916	2	US-09-949-016-11417	Sequence 11417, A
570	37	34.9	193	3	US-11-028-457A-4821	Sequence 4821, Ap	643	37	34.9	1089	3	US-09-540-209B-6312	Sequence 6312, Ap
571	37	34.9	193	3	US-11-027-843A-4821	Sequence 4821, Ap	644	37	34.9	1114	3	US-10-069-799-1	Sequence 1, Appli
572	37	34.9	193	3	US-11-027-802A-4821	Sequence 4821, Ap	645	37	34.9	1145	3	US-10-195-144-11	Sequence 11, Appli
573	37	34.9	193	3	US-11-027-879A-4821	Sequence 4821, Ap	646	37	34.9	1151	3	US-09-921-159-33	Sequence 33, Appli
574	37	34.9	199	1	US-08-900-407-4	Sequence 4, Appli	647	37	34.9	1235	3	US-09-921-159-2	Sequence 2, Appli
575	37	34.9	200	3	US-10-703-032-105741	Sequence 105741, Ap	648	37	34.9	1493	2	US-09-538-092-1263	Sequence 1263, Ap
576	37	34.9	216	2	US-09-489-039A-7519	Sequence 7519, Ap	649	37	34.9	1506	2	US-10-142-650-4	Sequence 4, Appli
577	37	34.9	228	3	US-10-703-032-167621	Sequence 167621, Ap	650	37	34.9	1627	2	US-09-252-991A-28697	Sequence 28697, A
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579	37	34.9	240	2	US-09-949-016-10863	Sequence 10863, A	652	37	34.9	1706	1	US-08-399-411-2	Sequence 2, Appli
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581	37	34.9	261	2	US-09-252-991A-33060	Sequence 33060, A	654	37	34.9	1706	2	US-09-586-472-2	Sequence 2, Appli
582	37	34.9	264	2	US-09-886-319A-68	Sequence 68, Appli	655	37	34.9	1706	2	US-09-528-706-2	Sequence 2, Appli
583	37	34.9	264	2	US-11-152-765-1	Sequence 1, Appli	656	37	34.9	1706	2	US-10-024-450-2	Sequence 2, Appli
584	37	34.9	266	2	US-09-949-016-10512	Sequence 10512, A	657	37	34.9	1706	2	US-10-142-650-3	Sequence 3, Appli
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586	37	34.9	281	3	US-10-494-675-32	Sequence 92, Appli	659	37	34.9	1937	2	US-09-538-092-918	Sequence 918, App
587	37	34.9	299	3	US-09-252-691C-10591	Sequence 10591, A	660	37	34.9	1938	2	US-09-949-016-6417	Sequence 6417, Ap
588	37	34.9	309	2	US-09-602-787A-294	Sequence 294, App	661	37	34.9	1939	2	US-09-538-092-915	Sequence 915, App
589	37	34.9	315	3	US-09-540-209B-5816	Sequence 5816, Ap	662	37	34.9	1939	2	US-09-949-016-6925	Sequence 6925, Ap
590	37	34.9	319	3	US-09-201-228B-903	Sequence 903, App	663	37	34.9	1939	2	US-09-949-016-11104	Sequence 11104, A
591	37	34.9	330	2	US-09-270-767-58806	Sequence 58806, A	664	37	34.9	1940	2	US-09-538-092-901	Sequence 901, App
592	37	34.9	339	2	US-09-602-787A-292	Sequence 292, App	665	37	34.9	1942	2	US-09-949-016-8135	Sequence 8135, Ap
593	37	34.9	344	2	US-09-107-532A-6886	Sequence 6886, Ap	666	37	34.9	1959	2	US-09-949-016-8134	Sequence 8134, Ap
594	37	34.9	355	3	US-10-703-032-113748	Sequence 113748, Ap	667	37	34.9	1963	2	US-09-949-016-8888	Sequence 8888, Ap
595	37	34.9	368	2	US-09-770-509-24	Sequence 24, Appli	668	37	34.9	3170	2	US-09-036-987A-4	Sequence 4, Appli
596	37	34.9	373	2	US-10-104-047-3087	Sequence 3087, Ap	669	37	34.9	3170	2	US-09-370-700-4	Sequence 4, Appli
597	37	34.9	377	2	US-09-420-211-2	Sequence 2, Appli	670	37	34.9	3170	2	US-09-603-207-4	Sequence 4, Appli
598	37	34.9	383	3	US-09-540-209B-7217	Sequence 7217, Ap	671	37	34.9	3170	3	US-10-329-148A-4	Sequence 4, Appli
599	37	34.9	393	3	US-10-703-032-120930	Sequence 120930, Ap	672	37	34.9	3461	2	US-09-334-220-2	Sequence 2, Appli
600	37	34.9	393	3	US-10-703-032-136697	Sequence 136697, Ap	673	37	34.9	3542	2	US-10-087-013-2	Sequence 2, Appli
601	37	34.9	394	1	US-08-867-030B-11	Sequence 11, Appli	674	37	34.9	4096	2	US-09-296-662-34	Sequence 34, Appli
602	37	34.9	394	5	PCT-US95-06119-11	Sequence 11, Appli	675	37	34.9	4096	3	US-09-462-962-7	Sequence 7, Appli
603	37	34.9	401	3	US-09-540-209B-6477	Sequence 6477, Ap	676	36.5	34.4	60	2	US-09-248-796A-25842	Sequence 25842, A
604	37	34.9	412	2	US-09-252-991A-18174	Sequence 18174, A	677	36.5	34.4	71	2	US-09-462-917A-121	Sequence 121, App
605	37	34.9	415	3	US-09-540-209B-5547	Sequence 5547, Ap	678	36.5	34.4	104	3	US-10-703-032-187046	Sequence 187046, A
606	37	34.9	420	2	US-09-248-796A-19811	Sequence 19811, A	679	36.5	34.4	172	3	US-10-703-032-168487	Sequence 168487, A
607	37	34.9	428	2	US-10-703-032-106053	Sequence 106053, Ap	680	36.5	34.4	189	3	US-10-703-032-123570	Sequence 123570, A
608	37	34.9	438	2	US-09-964-956-58	Sequence 58, Appli	681	36.5	34.4	207	2	US-09-543-681A-7687	Sequence 7687, Ap
609	37	34.9	438	2	US-09-964-956-59	Sequence 59, Appli	682	36.5	34.4	241	2	US-09-270-767-35829	Sequence 35829, A
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685	36.5	34.4	407	2	US-10-169-048-30	Sequence 30, Appl	758	36	34.0	288	2	US-09-949-016-9132	Sequence 9132, Ap
686	36.5	34.4	453	3	US-10-703-032-106876	Sequence 106876,	759	36	34.0	310	3	US-10-703-032-131357	Sequence 131357, A
687	36.5	34.4	675	1	US-08-317-522A-9	Sequence 9, Appl	760	36	34.0	311	2	US-09-252-991A-31376	Sequence 31376, A
688	36.5	34.4	675	1	US-08-439-818A-9	Sequence 9, Appl	761	36	34.0	312	3	US-10-703-032-121215	Sequence 121215,
689	36.5	34.4	675	1	US-08-751-965-9	Sequence 9, Appl	762	36	34.0	313	2	US-09-266-965-137	Sequence 137, App
690	36.5	34.4	675	1	US-08-738-975-9	Sequence 9, Appl	763	36	34.0	319	2	US-09-252-991A-27785	Sequence 27785, A
691	36.5	34.4	675	1	US-08-728-626-9	Sequence 9, Appl	764	36	34.0	334	3	US-09-452-691C-9728	Sequence 9728, Ap
692	36.5	34.4	675	2	US-08-808-599A-9	Sequence 9, Appl	765	36	34.0	334	3	US-10-703-032-131361	Sequence 131361,
693	36.5	34.4	843	2	US-09-235-451-25	Sequence 25, Appl	766	36	34.0	339	3	US-10-703-032-120834	Sequence 120834,
694	36.5	34.4	843	2	US-09-978-303-25	Sequence 25, Appl	767	36	34.0	347	2	US-09-991-181-30	Sequence 30, Appl
695	36.5	34.4	843	3	US-10-915-017-25	Sequence 25, Appl	768	36	34.0	347	2	US-09-990-444-30	Sequence 30, Appl
696	36.5	34.4	890	2	US-09-342-648-10	Sequence 10, Appl	769	36	34.0	347	2	US-09-997-333-30	Sequence 30, Appl
697	36	34.0	60	2	US-09-621-976-6535	Sequence 6535, Ap	770	36	34.0	347	2	US-09-992-598-30	Sequence 30, Appl
698	36	34.0	60	2	US-09-248-796A-25966	Sequence 25966, A	771	36	34.0	347	2	US-09-989-735-30	Sequence 30, Appl
699	36	34.0	61	2	US-09-621-976-6215	Sequence 6215, Ap	772	36	34.0	347	3	US-09-989-726-30	Sequence 30, Appl
700	36	34.0	62	2	US-09-248-796A-23583	Sequence 23583, A	773	36	34.0	347	3	US-09-997-514-30	Sequence 30, Appl
701	36	34.0	69	3	US-10-703-032-171812	Sequence 171812,	774	36	34.0	347	3	US-09-989-728-30	Sequence 30, Appl
702	36	34.0	74	3	US-10-703-032-158413	Sequence 158413,	775	36	34.0	347	3	US-09-997-349-30	Sequence 30, Appl
703	36	34.0	75	3	US-10-703-032-149332	Sequence 149332,	776	36	34.0	347	3	US-09-997-653-30	Sequence 30, Appl
704	36	34.0	85	1	US-08-480-229C-6	Sequence 6, Appl	777	36	34.0	347	3	US-09-989-293A-30	Sequence 30, Appl
705	36	34.0	85	1	US-08-659-235C-6	Sequence 6, Appl	778	36	34.0	347	3	US-09-989-732-30	Sequence 30, Appl
706	36	34.0	86	3	US-10-703-032-166756	Sequence 166756,	779	36	34.0	347	3	US-09-990-441-30	Sequence 30, Appl
707	36	34.0	96	2	US-09-513-998C-4709	Sequence 4709, Ap	780	36	34.0	347	3	US-09-989-328-30	Sequence 30, Appl
708	36	34.0	96	3	US-10-793-479-4709	Sequence 4709, Ap	781	36	34.0	347	3	US-09-989-724-30	Sequence 30, Appl
709	36	34.0	106	3	US-10-703-032-169365	Sequence 169365,	782	36	34.0	347	3	US-09-989-733-30	Sequence 30, Appl
710	36	34.0	108	2	US-09-513-999C-4877	Sequence 4877, Ap	783	36	34.0	347	3	US-09-993-583-30	Sequence 30, Appl
711	36	34.0	108	3	US-10-793-479-4877	Sequence 4877, Ap	784	36	34.0	347	3	US-09-989-279-30	Sequence 30, Appl
712	36	34.0	111	2	US-09-513-999C-5355	Sequence 5355, Ap	785	36	34.0	347	3	US-10-183-001-404	Sequence 404, App
713	36	34.0	111	3	US-10-793-479-5355	Sequence 5355, Ap	786	36	34.0	347	3	US-10-180-998-404	Sequence 404, App
714	36	34.0	113	3	US-10-703-032-184145	Sequence 184145,	787	36	34.0	347	3	US-10-201-769-404	Sequence 404, App
715	36	34.0	115	3	US-10-703-032-127941	Sequence 127941,	788	36	34.0	347	3	US-09-991-157-30	Sequence 30, Appl
716	36	34.0	116	3	US-10-703-032-120572	Sequence 120572,	789	36	34.0	347	3	US-09-990-439-30	Sequence 30, Appl
717	36	34.0	119	3	US-10-108-260A-4218	Sequence 4218, Ap	790	36	34.0	347	3	US-09-997-641-30	Sequence 30, Appl
718	36	34.0	124	3	US-10-703-032-185420	Sequence 185420,	791	36	34.0	347	3	US-09-997-384-30	Sequence 30, Appl
719	36	34.0	129	3	US-10-703-032-196418	Sequence 196418,	792	36	34.0	347	3	US-10-174-576-404	Sequence 404, App
720	36	34.0	130	3	US-10-703-032-167712	Sequence 167712,	793	36	34.0	347	3	US-10-174-581-404	Sequence 404, App
721	36	34.0	135	3	US-10-703-032-159365	Sequence 159365,	794	36	34.0	347	3	US-09-989-730-30	Sequence 30, Appl
722	36	34.0	141	3	US-10-703-032-201535	Sequence 201535,	795	36	34.0	347	3	US-09-997-585-30	Sequence 30, Appl
723	36	34.0	145	3	US-10-703-032-160147	Sequence 160147,	796	36	34.0	347	3	US-09-997-601-30	Sequence 30, Appl
724	36	34.0	146	3	US-10-703-032-209303	Sequence 209303,	797	36	34.0	347	3	US-10-207-916-404	Sequence 404, App
725	36	34.0	148	2	US-09-248-796A-15233	Sequence 15233, A	798	36	34.0	347	3	US-10-174-583-404	Sequence 404, App
726	36	34.0	154	3	US-10-703-032-111905	Sequence 111905,	799	36	34.0	348	2	US-09-538-092-1316	Sequence 1316, Ap
727	36	34.0	163	3	US-10-703-032-115974	Sequence 115974,	800	36	34.0	351	2	US-10-094-749-3108	Sequence 3108, Ap
728	36	34.0	167	3	US-10-703-032-123418	Sequence 123418,	801	36	34.0	352	2	US-09-489-039A-13009	Sequence 13009, A
729	36	34.0	168	3	US-10-703-032-134248	Sequence 134248,	802	36	34.0	371	2	US-09-902-540-13676	Sequence 13676, A
730	36	34.0	174	2	US-09-252-991A-29084	Sequence 29084, A	803	36	34.0	375	2	US-09-538-092-1082	Sequence 1082, Ap
731	36	34.0	175	3	US-10-703-032-182294	Sequence 182294,	804	36	34.0	375	2	US-09-949-016-6369	Sequence 6369, Ap
732	36	34.0	182	2	US-09-902-540-16748	Sequence 16748, A	805	36	34.0	386	2	US-09-949-016-10070	Sequence 10070, A
733	36	34.0	185	3	US-10-703-032-115406	Sequence 115406,	806	36	34.0	396	3	US-10-494-541-26	Sequence 26, Appl
734	36	34.0	186	3	US-10-703-032-132699	Sequence 132699,	807	36	34.0	398	2	US-09-583-110-3408	Sequence 3408, Ap
735	36	34.0	191	2	US-09-134-000C-5299	Sequence 5299, Ap	808	36	34.0	398	3	US-11-028-099A-3408	Sequence 3408, Ap
736	36	34.0	196	1	US-08-900-407-1	Sequence 1, Appl	809	36	34.0	398	3	US-11-028-291A-3408	Sequence 3408, Ap
737	36	34.0	199	3	US-10-703-032-134023	Sequence 134023,	810	36	34.0	398	3	US-11-027-878A-3408	Sequence 3408, Ap
738	36	34.0	202	2	US-09-107-433-4846	Sequence 4846, Ap	811	36	34.0	398	3	US-11-027-877A-3408	Sequence 3408, Ap
739	36	34.0	204	3	US-10-703-032-118215	Sequence 118215,	812	36	34.0	398	3	US-11-027-891A-3408	Sequence 3408, Ap
740	36	34.0	207	3	US-10-703-032-175330	Sequence 175330,	813	36	34.0	398	3	US-11-028-457A-3408	Sequence 3408, Ap
741	36	34.0	209	3	US-09-445-774-23	Sequence 23, Appl	814	36	34.0	398	3	US-11-027-843A-3408	Sequence 3408, Ap
742	36	34.0	212	2	US-10-192-353-3	Sequence 3, Appl	815	36	34.0	398	3	US-11-027-802A-3408	Sequence 3408, Ap
743	36	34.0	217	3	US-10-703-032-131354	Sequence 131354,	816	36	34.0	398	3	US-11-027-879A-3408	Sequence 3408, Ap
744	36	34.0	222	2	US-09-107-532A-4879	Sequence 4879, Ap	817	36	34.0	398	3	US-11-027-879A-3408	Sequence 3408, Ap
745	36	34.0	226	3	US-10-703-032-117877	Sequence 117877,	818	36	34.0	399	2	US-09-149-476-474	Sequence 474, Appl
746	36	34.0	232	3	US-10-703-032-178743	Sequence 178743,	819	36	34.0	400	2	US-09-254-776B-52	Sequence 52, Appl
747	36	34.0	247	2	US-08-705-245-4	Sequence 4, Appl	820	36	34.0	408	3	US-09-252-691C-6008	Sequence 6008, Ap
748	36	34.0	247	2	US-09-490-714-4	Sequence 4, Appl	821	36	34.0	415	3	US-10-225-066A-592	Sequence 592, App
749	36	34.0	248	2	US-10-193-353-4	Sequence 4, Appl	822	36	34.0	417	2	US-09-252-991A-17475	Sequence 17475, A
750	36	34.0	248	2	US-10-094-749-2054	Sequence 2054, Ap	823	36	34.0	425	3	US-10-183-687-425	Sequence 425, App
751	36	34.0	250	3	US-10-703-032-126228	Sequence 126228,	824	36	34.0	426	2	US-09-543-681A-5294	Sequence 5294, Ap
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## ALIGNMENTS

RESULT 1  
US-10-273-180-2  
; Sequence 2, Application US/10273180  
; Patent No. 7081443  
; GENERAL INFORMATION:  
; APPLICANT: KOH, Gou Young  
; TITLE OF INVENTION: CHIMERIC COILED COIL MOLECULES  
; FILE REFERENCE: 10010-00001  
; CURRENT APPLICATION NUMBER: US/10/273,180  
; CURRENT FILING DATE: 2002-10-18  
; NUMBER OF SEQ ID NOS: 30  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 2  
; LENGTH: 260  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-273-180-2

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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 27 LCTKEGVLLKGGKREKKPF 46

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US-10-273-180-4  
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; Patent No. 7081443  
; GENERAL INFORMATION:  
; APPLICANT: KOH, Gou Young  
; TITLE OF INVENTION: CHIMERIC COILED COIL MOLECULES  
; FILE REFERENCE: 10010-00001  
; CURRENT APPLICATION NUMBER: US/10/273,180  
; CURRENT FILING DATE: 2002-10-18  
; NUMBER OF SEQ ID NOS: 30  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 4  
; LENGTH: 298  
; TYPE: PRT  
; ORGANISM: Homo sapiens

US-10-273-180-4  
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DB 64 LCTKEGVLLKGGKREKKPF 83

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US-10-273-180-6  
; Sequence 6, Application US/10273180  
; Patent No. 7081443  
; GENERAL INFORMATION:  
; APPLICANT: KOH, Gou Young  
; TITLE OF INVENTION: CHIMERIC COILED COIL MOLECULES  
; FILE REFERENCE: 10010-00001  
; CURRENT APPLICATION NUMBER: US/10/273,180  
; CURRENT FILING DATE: 2002-10-18  
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US-10-273-180-6

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; Patent No. 7081443  
; GENERAL INFORMATION:  
; APPLICANT: KOH, Gou Young  
; TITLE OF INVENTION: CHIMERIC COILED COIL MOLECULES  
; FILE REFERENCE: 10010-00001  
; CURRENT APPLICATION NUMBER: US/10/273,180  
; CURRENT FILING DATE: 2002-10-18  
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US-10-273-180-8

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RESULT 5  
US-08-740-223A-7  
; Sequence 7, Application US/08740223A  
; Patent No. 6265564  
; GENERAL INFORMATION:  
; APPLICANT: Davis, et al.  
; TITLE OF INVENTION: Expressed Ligand - Vascular  
; TITLE OF INVENTION: Intercellular Signalling Molecule



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; Patent No.: 7045302
; GENERAL INFORMATION:
; APPLICANT: Davis, Samuel
; APPLICANT: Yancopoulos, George D.
; TITLE OF INVENTION: Expressed Ligand - Vascular
; TITLE OF INVENTION: Intercellular Signaling Molecule
; FILE REFERENCE: REG 333X
; CURRENT APPLICATION NUMBER: US/11/073,120
; CURRENT FILING DATE: 2005-03-04
; PRIOR APPLICATION NUMBER: 10/225,060
; PRIOR FILING DATE: 2002-08-21
; PRIOR APPLICATION NUMBER: 09/709,188
; PRIOR FILING DATE: 2000-11-09
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 478
; TYPE: PRT
; ORGANISM: Homo sapien
US-11-073-120-7

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RESULT 9
US-08-740-223A-26
Sequence 26, Application US/08740223A
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Patent No. 6265564  
; GENERAL INFORMATION:  
; APPLICANT: Davis, et al.  
; TITLE OF INVENTION: Expressed Ligand - Vascular  
; TITLE OF INVENTION: Intercellular Signalling Molecule  
; NUMBER OF SEQUENCES: 28  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Regeneron Pharmaceuticals, Inc.  
; STREET: 777 Old Saw Mill Road  
; CITY: Tarrytown  
; STATE: NY  
; COUNTRY: USA  
; ZIP: 10591  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/740,223A  
; FILING DATE: 25-OCT-1996  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: USSN 60/022/999  
; FILING DATE: 02-AUG-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Cobert, Robert J  
; REGISTRATION NUMBER: 36,108  
; REFERENCE/DOCKET NUMBER: REG 333  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 914-345-7400  
; TELEFAX: 914-345-7721  
; INFORMATION FOR SEQ ID NO: 26:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 495 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; FRAGMENT TYPE: internal  
; FEATURE:  
; NAME/KEY: 2N1C1F (chimera 4)  
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US-08-740-223A-26

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## RESULT 10

US-09-709-188-26  
; Sequence 26, Application US/09709188  
; Patent No. 6441137  
; GENERAL INFORMATION:  
; APPLICANT: Davis et al.  
; TITLE OF INVENTION: Expressed Ligand - Vascular Intercellular Signaling Molecule  
; FILE REFERENCE: REG 333-Z  
; CURRENT APPLICATION NUMBER: US/09/709,188  
; CURRENT FILING DATE: 2000-11-09  
; PRIOR APPLICATION NUMBER: 08/740,223  
; PRIOR FILING DATE: 1996-10-25  
; NUMBER OF SEQ ID NOS: 30  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 26  
; LENGTH: 495  
; TYPE: PRT  
; ORGANISM: Artificial Sequence

; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Chimeric  
; OTHER INFORMATION: 2N1C1F (chimera 4)  
US-09-709-188-26

Query Match 100.0%; Score 106; DB 2; Length 495;  
Best Local Similarity 100.0%; Pred. No. 5.7e-09;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LCTKEGVLLKGGKREEEKPF 20  
Db 261 LCTKEGVLLKGGKREEEKPF 280

## RESULT 11

US-10-225-060-26  
; Sequence 26, Application US/10225060  
; Patent No. 6825008  
; GENERAL INFORMATION:  
; APPLICANT: Davis et al.  
; TITLE OF INVENTION: Expressed Ligand - Vascular Intercellular Signaling  
; TITLE OF INVENTION: Molecule  
; FILE REFERENCE: REG 333-Z  
; CURRENT APPLICATION NUMBER: US/10/225,060  
; CURRENT FILING DATE: 2002-08-21  
; PRIOR APPLICATION NUMBER: US/09/709,188  
; PRIOR FILING DATE: 2000-11-09  
; PRIOR APPLICATION NUMBER: 08/740,223  
; PRIOR FILING DATE: 1996-10-25  
; NUMBER OF SEQ ID NOS: 30  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 26  
; LENGTH: 495  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Chimeric  
; FEATURE:  
; OTHER INFORMATION: 2N1C1F (chimera 4)  
US-10-225-060-26

Query Match 100.0%; Score 106; DB 2; Length 495;  
Best Local Similarity 100.0%; Pred. No. 5.7e-09;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LCTKEGVLLKGGKREEEKPF 20  
Db 261 LCTKEGVLLKGGKREEEKPF 280

## RESULT 12

US-11-073-120-26  
; Sequence 26, Application US/11073120  
; Patent No. 7045302  
; GENERAL INFORMATION:  
; APPLICANT: Davis, Samuel  
; APPLICANT: Vancopoulos, George D.  
; TITLE OF INVENTION: Expressed Ligand - Vascular  
; TITLE OF INVENTION: Intercellular Signaling Molecule  
; FILE REFERENCE: REG 333X  
; CURRENT APPLICATION NUMBER: US/11/073,120  
; CURRENT FILING DATE: 2005-03-04  
; PRIOR APPLICATION NUMBER: 10/225,060  
; PRIOR FILING DATE: 2002-08-21  
; PRIOR APPLICATION NUMBER: 09/709,188  
; PRIOR FILING DATE: 2000-11-09  
; NUMBER OF SEQ ID NOS: 30  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 26  
; LENGTH: 495  
; TYPE: PRT  
; ORGANISM: Homo sapien  
US-11-073-120-26

Query Match 100.0%; Score 106; DB 3; Length 495;  
Best Local Similarity 100.0%; Pred. No. 5.7e-09;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LCTKEGVLKGGKREKPPF 20  
Db 261 LCTKEGVLKGGKREKPPF 280

## RESULT 13

US-08-740-223A-14  
; Sequence 14, Application US/08740223A  
; Patent No. 6265564  
; GENERAL INFORMATION:  
; APPLICANT: Davis, et al.  
; TITLE OF INVENTION: Expressed Ligand - Vascular  
; TITLE OF INVENTION: Intercellular Signalling Molecule  
; NUMBER OF SEQUENCES: 28  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Regeneron Pharmaceuticals, Inc.  
; STREET: 777 Old Saw Mill Road  
; CITY: Tarrytown  
; STATE: NY  
; COUNTRY: USA  
; ZIP: 10591  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/740,223A  
; FILING DATE: 25-OCT-1996  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: USSN 60/022/999  
; FILING DATE: 02-AUG-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Cobert, Robert J  
; REGISTRATION NUMBER: 36,108  
; REFERENCE/DOCKET NUMBER: REG 333  
; TELEPHONE: 914-345-7400  
; TELEFAX: 914-345-7721  
; INFORMATION FOR SEQ ID NO: 14:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 497 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; FEATURE:  
; NAME/KEY: mTL1  
; LOCATION: 1...497  
; OTHER INFORMATION: mouse TIE-2 ligand 1

Query Match 100.0%; Score 106; DB 2; Length 497;  
Best Local Similarity 100.0%; Pred. No. 5.7e-09;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LCTKEGVLKGGKREKPPF 20  
Db 263 LCTKEGVLKGGKREKPPF 282

## RESULT 14

US-09-709-188-14  
; Sequence 14, Application US/09709188  
; Patent No. 6441137  
; GENERAL INFORMATION:  
; APPLICANT: Davis et al.

; TITLE OF INVENTION: Expressed Ligand - Vascular Intercellular Signaling Molecule  
; FILE REFERENCE: REG 333-Z  
; CURRENT APPLICATION NUMBER: US/09/709,188  
; CURRENT FILING DATE: 2000-11-09  
; PRIOR APPLICATION NUMBER: 08/740,223  
; PRIOR FILING DATE: 1996-10-25  
; NUMBER OF SEQ ID NOS: 30  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 14  
; LENGTH: 497  
; TYPE: PRT  
; ORGANISM: Mus sp.  
US-09-709-188-14

Query Match 100.0%; Score 106; DB 2; Length 497;  
Best Local Similarity 100.0%; Pred. No. 5.7e-09;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LCTKEGVLKGGKREKPPF 20  
Db 263 LCTKEGVLKGGKREKPPF 282

## RESULT 15

US-10-225-060-14  
; Sequence 14, Application US/10225060  
; Patent No. 6825008  
; GENERAL INFORMATION:  
; APPLICANT: Davis et al.  
; TITLE OF INVENTION: Expressed Ligand - Vascular Intercellular Signaling  
; TITLE OF INVENTION: Molecule  
; FILE REFERENCE: REG 333-Z  
; CURRENT APPLICATION NUMBER: US/10/225,060  
; CURRENT FILING DATE: 2002-08-21  
; PRIOR APPLICATION NUMBER: US/09/709,188  
; PRIOR FILING DATE: 2000-11-09  
; PRIOR APPLICATION NUMBER: 08/740,223  
; PRIOR FILING DATE: 1996-10-25  
; NUMBER OF SEQ ID NOS: 30  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 14  
; LENGTH: 497  
; TYPE: PRT  
; ORGANISM: Mus sp.  
US-10-225-060-14

Query Match 100.0%; Score 106; DB 2; Length 497;  
Best Local Similarity 100.0%; Pred. No. 5.7e-09;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LCTKEGVLKGGKREKPPF 20  
Db 263 LCTKEGVLKGGKREKPPF 282

## RESULT 16

US-11-073-120-14  
; Sequence 14, Application US/11073120  
; Patent No. 7045302  
; GENERAL INFORMATION:  
; APPLICANT: Davis, Samuel  
; APPLICANT: Yancopoulos, George D.  
; TITLE OF INVENTION: Expressed Ligand - Vascular  
; TITLE OF INVENTION: Intercellular Signaling Molecule  
; FILE REFERENCE: REG 333X  
; CURRENT APPLICATION NUMBER: US/11/073,120  
; CURRENT FILING DATE: 2005-03-04  
; PRIOR APPLICATION NUMBER: 10/225,060  
; PRIOR FILING DATE: 2002-08-21  
; PRIOR APPLICATION NUMBER: 09/709,188  
; PRIOR FILING DATE: 2000-11-09  
; NUMBER OF SEQ ID NOS: 30  
; SOFTWARE: FastSeq for Windows Version 4.0

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; SEQ ID NO 14
; LENGTH: 497
; TYPE: PRT
; ORGANISM: Homo sapien
US-11-073-120-14

Query Match          100.0%; Score 106; DB 3; Length 497;
Best Local Similarity 100.0%; Pred. No. 5.7e-09;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LCTKEGVLLKGGKREKEKPF 20
    |||||
Db 263 LCTKEGVLLKGGKREKEKPF 282

RESULT 17
US-08-373-579-2
; Sequence 2, Application US/08373579
; Patent No. 5650490
; GENERAL INFORMATION:
; APPLICANT: Davis, et al.
; TITLE OF INVENTION: TIE-2 LIGAND, METHOD OF MAKING AND USES
; TITLE OF INVENTION: THEREOF
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Regeneron Pharmaceuticals, Inc.
; STREET: 777 Old Saw Mill River Road
; CITY: Tarrytown
; STATE: New York
; COUNTRY: USA
; ZIP: 10591
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,579
; FILING DATE: 17-JAN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/353,503
; FILING DATE: 09-DEC-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/348,492
; FILING DATE: 02-DEC-1994
; APPLICATION NUMBER: US 08/319,932
; FILING DATE: 07-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Cobert, Robert J.
; REGISTRATION NUMBER: 36,108
; REFERENCE/DOCKET NUMBER: REG 330-D
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 345-7400
; TELEFAX: (914) 345-7721
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 498 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-373-579-2

Query Match          100.0%; Score 106; DB 1; Length 498;
Best Local Similarity 100.0%; Pred. No. 5.7e-09;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LCTKEGVLLKGGKREKEKPF 20
    |||||
```

```
Db 264 LCTKEGVLLKGGKREKEKPF 283

RESULT 18
US-08-418-595-2
; Sequence 2, Application US/08418595
; Patent No. 5814464
; GENERAL INFORMATION:
; APPLICANT: Davis, et al.
; TITLE OF INVENTION: TIE-2 LIGAND, METHOD OF MAKING AND USES
; TITLE OF INVENTION: THEREOF
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Regeneron Pharmaceuticals, Inc.
; STREET: 777 Old Saw Mill River Road
; CITY: Tarrytown
; STATE: New York
; COUNTRY: USA
; ZIP: 10591
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/418,595
; FILING DATE: 06-APR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/373,579
; FILING DATE: 17-JAN-1995
; APPLICATION NUMBER: US 08/353,503
; FILING DATE: 09-DEC-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/348,492
; FILING DATE: 02-DEC-1994
; APPLICATION NUMBER: US 08/319,932
; FILING DATE: 07-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Cobert, Robert J.
; REGISTRATION NUMBER: 36,108
; REFERENCE/DOCKET NUMBER: REG 330-D
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 345-7400
; TELEFAX: (914) 345-7721
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 498 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-418-595-2

Query Match          100.0%; Score 106; DB 1; Length 498;
Best Local Similarity 100.0%; Pred. No. 5.7e-09;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LCTKEGVLLKGGKREKEKPF 20
    |||||
Db 264 LCTKEGVLLKGGKREKEKPF 283

RESULT 19
US-08-665-926-2
; Sequence 2, Application US/08665926
; Patent No. 5851797
; GENERAL INFORMATION:
; APPLICANT: Valenzuela et al.
; TITLE OF INVENTION: TIE LIGAND-3, METHODS OF MAKING AND USES
```

;; TITLE OF INVENTION: THEREOF  
;; NUMBER OF SEQUENCES: 8  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Regeneron Pharmaceuticals, Inc.  
;; STREET: 777 Old Saw Mill River Road  
;; CITY: Tarrytown  
;; STATE: New York  
;; COUNTRY: U.S.A.  
;; ZIP: 10591-6707  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: PatentIn Release #1.0, Version #1.30  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/665,926  
;; FILING DATE: 19-JUN-1996  
;; CLASSIFICATION: 435  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Robert J. Cobert  
;; REGISTRATION NUMBER: 36,108  
;; REFERENCE/DOCKET NUMBER: REG 330-H  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (914) 345-7400  
;; TELEFAX: (914) 345-2113  
;; INFORMATION FOR SEQ ID NO: 2:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 498 amino acids  
;; TYPE: amino acid  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: protein  
;; US-08-665-926-2

Query Match 100.0%; Score 106; DB 1; Length 498;  
Best Local Similarity 100.0%; Pred. No. 5.7e-09;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LCTKEGVLLKGGKREEEKPF 20  
Db 264 LCTKEGVLLKGGKREEEKPF 283

RESULT 20  
US-08-348-492-2  
; Sequence 2, Application US/08348492  
; Patent No. 5879672  
; GENERAL INFORMATION:  
; APPLICANT: Davis, et al.  
; TITLE OF INVENTION: TIE-2 LIGAND, METHOD OF MAKING AND USES  
; NUMBER OF SEQUENCES: 4  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Regeneron Pharmaceuticals, Inc.  
; STREET: 777 Old Saw Mill River Road  
; CITY: Tarrytown  
; STATE: New York  
; COUNTRY: USA  
; ZIP: 10591  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/348,492  
; FILING DATE: 02-DEC-1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/330,261  
; FILING DATE: 27-OCT-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Cobert, Robert J.  
; REGISTRATION NUMBER: 36,108  
; REFERENCE/DOCKET NUMBER: REG 330-D  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (914) 345-7400  
; TELEFAX: (914) 345-7721

;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Kempler, Gail M.  
;; REGISTRATION NUMBER: 32,143  
;; REFERENCE/DOCKET NUMBER: REG 330B  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (914) 347-7000  
;; TELEFAX: (914) 347-2113  
;; INFORMATION FOR SEQ ID NO: 2:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 498 amino acids  
;; TYPE: amino acid  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: protein  
;; US-08-348-492-2

Query Match 100.0%; Score 106; DB 1; Length 498;  
Best Local Similarity 100.0%; Pred. No. 5.7e-09;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LCTKEGVLLKGGKREEEKPF 20  
Db 264 LCTKEGVLLKGGKREEEKPF 283

RESULT 21  
US-09-162-437-2  
; Sequence 2, Application US/09162437  
; Patent No. 6166185  
; GENERAL INFORMATION:  
; APPLICANT: Davis, et al.  
; TITLE OF INVENTION: TIE-2 LIGAND, METHOD OF MAKING AND USES  
; NUMBER OF SEQUENCES: 6  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Regeneron Pharmaceuticals, Inc.  
; STREET: 777 Old Saw Mill River Road  
; CITY: Tarrytown  
; STATE: New York  
; COUNTRY: USA  
; ZIP: 10591  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/162,437  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/418,595  
; FILING DATE: 06-APR-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/373,579  
; FILING DATE: 17-JAN-1995  
; APPLICATION NUMBER: US 08/353,503  
; FILING DATE: 09-DEC-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/348,492  
; FILING DATE: 02-DEC-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/330,261  
; FILING DATE: 27-OCT-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/319,932  
; FILING DATE: 07-OCT-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Cobert, Robert J.  
; REGISTRATION NUMBER: 36,108  
; REFERENCE/DOCKET NUMBER: REG 330-D  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (914) 345-7400  
; TELEFAX: (914) 345-7721

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:  
LENGTH: 498 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-09-162-437-2

Query Match 100.0%; Score 106; DB 2; Length 498;

Best Local Similarity 100.0%; Pred. No. 5.7e-09;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LCTKEGVLLKGGKREERKPF 20

Db 264 LCTKEGVLLKGGKREERKPF 283

RESULT 22

US-08-740-223A-2

Sequence 2, Application US/08740223A

Patent No. 6265564

GENERAL INFORMATION:

APPLICANT: Davis, et al.

TITLE OF INVENTION: Expressed Ligand - Vascular

NUMBER OF SEQUENCES: 28

CORRESPONDENCE ADDRESS:

ADDRESSEE: Regeneron Pharmaceuticals, Inc.

STREET: 777 Old Saw Mill Road

CITY: Tarrytown

STATE: NY

COUNTRY: USA

ZIP: 10591

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/740,223A

FILING DATE: 25-OCT-1996

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: USSN 60/022/999

FILING DATE: 02-AUG-1996

ATTORNEY/AGENT INFORMATION:

NAME: Cobert, Robert J

REGISTRATION NUMBER: 36,108

REFERENCE/DOCKET NUMBER: REG 333

TELECOMMUNICATION INFORMATION:

TELEPHONE: 914-345-7400

TELEFAX: 914-345-7721

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 498 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

FRAGMENT TYPE: internal

FEATURE:

NAME/KEY: Human TIE-2 ligand 1

LOCATION: 1...498

OTHER INFORMATION: from clone gt10 encoding htie-2

OTHER INFORMATION: ligand 1

US-08-740-223A-2

Query Match

Best Local Similarity 100.0%; Score 106; DB 2; Length 498;

Matches 20; Conservative 0; Mismatches 0; Indels 0;

Qy 1 LCTKEGVLLKGGKREERKPF 20

Db 264 LCTKEGVLLKGGKREERKPF 283

Db 264 LCTKEGVLLKGGKREERKPF 283

RESULT 23

US-08-740-223A-20

Sequence 20, Application US/08740223A

Patent No. 6265564

GENERAL INFORMATION:

APPLICANT: Davis, et al.

TITLE OF INVENTION: Expressed Ligand - Vascular

NUMBER OF SEQUENCES: 28

CORRESPONDENCE ADDRESS:

ADDRESSEE: Regeneron Pharmaceuticals, Inc.

STREET: 777 Old Saw Mill Road

CITY: Tarrytown

STATE: NY

COUNTRY: USA

ZIP: 10591

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/740,223A

FILING DATE: 25-OCT-1996

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: USSN 60/022/999

FILING DATE: 02-AUG-1996

ATTORNEY/AGENT INFORMATION:

NAME: Cobert, Robert J

REGISTRATION NUMBER: 36,108

REFERENCE/DOCKET NUMBER: REG 333

TELECOMMUNICATION INFORMATION:

TELEPHONE: 914-345-7400

TELEFAX: 914-345-7721

INFORMATION FOR SEQ ID NO: 20:

SEQUENCE CHARACTERISTICS:

LENGTH: 498 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

FRAGMENT TYPE: internal

FEATURE:

NAME/KEY: IN1C2F (chimera 1)

LOCATION: 1...498

OTHER INFORMATION:

US-08-740-223A-20

Query Match

Best Local Similarity 100.0%; Score 106; DB 2; Length 498;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LCTKEGVLLKGGKREERKPF 20

Db 264 LCTKEGVLLKGGKREERKPF 283

RESULT 24

US-09-351-457-2

Sequence 2, Application US/09351457

Patent No. 6312694

GENERAL INFORMATION:

APPLICANT: THORPE, PHILIP E.

APPLICANT: RAN, SOPHIA

TITLE OF INVENTION: CANCER TREATMENT METHODS USING THERAPEUTIC CONJUGATES

TITLE OF INVENTION: THAT BIND TO AMINOPHOSPHOLIPIDS

FILE REFERENCE: 4001.002300

CURRENT APPLICATION NUMBER: US/09/351,457

CURRENT FILING DATE: 1999-07-12

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; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 498
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-351-457-2

Query Match      100.0%; Score 106; DB 2; Length 498;
Best Local Similarity 100.0%; Pred. No. 5.7e-09;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LCTKEGVLKGGKREERKPF 20
Db      264 LCTKEGVLKGGKREERKPF 283

RESULT 25
US-09-561-500-2
; Sequence 2, Application US/09561500
; Patent No. 6342219
; GENERAL INFORMATION:
; APPLICANT: Philip E. Thorpe
; APPLICANT: Rolf A. Brekken
; TITLE OF INVENTION: ANTIBODY COMPOSITIONS FOR SELECTIVELY INHIBITING VEGF
; FILE REFERENCE: 4001.002500
; CURRENT APPLICATION NUMBER: US/09/561,500
; CURRENT FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: 60/131,432
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 498
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-561-500-2

Query Match      100.0%; Score 106; DB 2; Length 498;
Best Local Similarity 100.0%; Pred. No. 5.7e-09;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LCTKEGVLKGGKREERKPF 20
Db      264 LCTKEGVLKGGKREERKPF 283

RESULT 26
US-09-561-108-2
; Sequence 2, Application US/09561108
; Patent No. 6342221
; GENERAL INFORMATION:
; APPLICANT: Philip E. Thorpe
; APPLICANT: Rolf A. Brekken
; TITLE OF INVENTION: ANTIBODY CONJUGATE COMPOSITIONS FOR SELECTIVELY INHIBITING VEGF
; FILE REFERENCE: 4001.002584
; CURRENT APPLICATION NUMBER: US/09/561,108
; CURRENT FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: 60/131,432
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 498
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-561-108-2

Query Match      100.0%; Score 106; DB 2; Length 498;
Best Local Similarity 100.0%; Pred. No. 5.7e-09;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LCTKEGVLKGGKREERKPF 20
Db      264 LCTKEGVLKGGKREERKPF 283

RESULT 27
US-09-351-543-2
; Sequence 2, Application US/09351543
; Patent No. 6406693
; GENERAL INFORMATION:
; APPLICANT: THORPE, PHILIP E.
; APPLICANT: RAN, SOPHIA
; TITLE OF INVENTION: CANCER TREATMENT METHODS USING ANTIBODIES TO
; FILE REFERENCE: 4001.002200
; CURRENT APPLICATION NUMBER: US/09/351,543
; CURRENT FILING DATE: 1999-07-12
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 498
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-351-543-2

Query Match      100.0%; Score 106; DB 2; Length 498;
Best Local Similarity 100.0%; Pred. No. 5.7e-09;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LCTKEGVLKGGKREERKPF 20
Db      264 LCTKEGVLKGGKREERKPF 283

RESULT 28
US-09-561-526-2
; Sequence 2, Application US/09561526
; Patent No. 6416758
; GENERAL INFORMATION:
; APPLICANT: Philip E. Thorpe
; APPLICANT: Rolf A. Brekken
; TITLE OF INVENTION: ANTIBODY CONJUGATE KITS FOR SELECTIVELY INHIBITING VEGF
; FILE REFERENCE: 4001.002586
; CURRENT APPLICATION NUMBER: US/09/561,526
; CURRENT FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: 60/131,432
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 498
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-561-526-2

Query Match      100.0%; Score 106; DB 2; Length 498;
Best Local Similarity 100.0%; Pred. No. 5.7e-09;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LCTKEGVLKGGKREERKPF 20
Db      264 LCTKEGVLKGGKREERKPF 283

RESULT 29
US-09-202-491-5
; Sequence 5, Application US/09202491
; Patent No. 6432667
; GENERAL INFORMATION:
; APPLICANT: Valenzuela et al.
; TITLE OF INVENTION: NOVEL LIGANDS, METHODS OF MAKING AND USES THEREOF
; FILE REFERENCE: REG330-K
; CURRENT APPLICATION NUMBER: US/09/202,491
; CURRENT FILING DATE: 1998-11-16
```

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Db      264 LCTKEGVLKGGKREERKPF 283

RESULT 27
US-09-351-543-2
; Sequence 2, Application US/09351543
; Patent No. 6406693
; GENERAL INFORMATION:
; APPLICANT: THORPE, PHILIP E.
; APPLICANT: RAN, SOPHIA
; TITLE OF INVENTION: CANCER TREATMENT METHODS USING ANTIBODIES TO
; FILE REFERENCE: 4001.002200
; CURRENT APPLICATION NUMBER: US/09/351,543
; CURRENT FILING DATE: 1999-07-12
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 498
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-351-543-2

Query Match      100.0%; Score 106; DB 2; Length 498;
Best Local Similarity 100.0%; Pred. No. 5.7e-09;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LCTKEGVLKGGKREERKPF 20
Db      264 LCTKEGVLKGGKREERKPF 283

RESULT 28
US-09-561-526-2
; Sequence 2, Application US/09561526
; Patent No. 6416758
; GENERAL INFORMATION:
; APPLICANT: Philip E. Thorpe
; APPLICANT: Rolf A. Brekken
; TITLE OF INVENTION: ANTIBODY CONJUGATE KITS FOR SELECTIVELY INHIBITING VEGF
; FILE REFERENCE: 4001.002586
; CURRENT APPLICATION NUMBER: US/09/561,526
; CURRENT FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: 60/131,432
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 498
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-561-526-2

Query Match      100.0%; Score 106; DB 2; Length 498;
Best Local Similarity 100.0%; Pred. No. 5.7e-09;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LCTKEGVLKGGKREERKPF 20
Db      264 LCTKEGVLKGGKREERKPF 283

RESULT 29
US-09-202-491-5
; Sequence 5, Application US/09202491
; Patent No. 6432667
; GENERAL INFORMATION:
; APPLICANT: Valenzuela et al.
; TITLE OF INVENTION: NOVEL LIGANDS, METHODS OF MAKING AND USES THEREOF
; FILE REFERENCE: REG330-K
; CURRENT APPLICATION NUMBER: US/09/202,491
; CURRENT FILING DATE: 1998-11-16
```



```

RESULT 31.
US-08-817-318-2
; Sequence 2, Application US/08817318
; Patent No. 6433143
; GENERAL INFORMATION:
; APPLICANT: Davis, Samuel et al.
; TITLE OF INVENTION: TIE-2 LIGANDS,
; FILE REFERENCE: REG 330-F-PCT-US
; CURRENT APPLICATION NUMBER: US/08/8
; CURRENT FILING DATE: 1999-09-16
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Verifi
; SEQ ID NO 2

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Qy 1 LCTKEGVLLKGGKREEEKPF 20

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Db      264  LCTKEGVLLKGGKREKPPF 283
|||||
RESULT 34
US-09-561-499-2
; Sequence 2, Application US/09561499
; Patent No. 6524583
; GENERAL INFORMATION:
; APPLICANT: Philip E. Thorpe
; APPLICANT: Rolf A. Brekken
; TITLE OF INVENTION: ANTIBODY METHODS FOR SELECTIVELY INHIBITING VEGF
; FILE REFERENCE: 4001.002582
; CURRENT APPLICATION NUMBER: US/09/561.499
; CURRENT FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: 60/131.432
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 498
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-561-499-2

Query Match      100.0%; Score 106; DB 2; Length 498;
Best Local Similarity 100.0%; Pred. No. 5.7e-09;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1  LCTKEGVLLKGGKREKPPF 20
Db      264  LCTKEGVLLKGGKREKPPF 283
|||||

RESULT 35
US-09-442-717-2
; Sequence 2, Application US/09442717
; Patent No. 6627415
; GENERAL INFORMATION:
; APPLICANT: Davis, Samuel et al.
; TITLE OF INVENTION: Tie-2 Ligands, Methods of Making and Uses Thereof
; FILE REFERENCE: REG 330-G-PCT-US
; CURRENT APPLICATION NUMBER: US/09/442.717
; CURRENT FILING DATE: 1999-11-18
; PRIOR APPLICATION NUMBER: 08/930.721
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: PCT/US96/04806
; PRIOR FILING DATE: 1996-04-05
; PRIOR APPLICATION NUMBER: PCT/US95/12935
; PRIOR FILING DATE: 1995-10-06
; PRIOR APPLICATION NUMBER: 08/418.595
; PRIOR FILING DATE: 1996-04-05
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 498
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-442-717-2

Query Match      100.0%; Score 106; DB 2; Length 498;
Best Local Similarity 100.0%; Pred. No. 5.7e-09;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1  LCTKEGVLLKGGKREKPPF 20
Db      264  LCTKEGVLLKGGKREKPPF 283
|||||

RESULT 36
US-09-689-020-2
; Sequence 2, Application US/09689020
; Patent No. 6645484
```

```
; GENERAL INFORMATION:
; APPLICANT: Davis, et al.
; TITLE OF INVENTION: TIE-2 LIGAND, METHOD OF MAKING AND USES THEREOF
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Regeneron Pharmaceuticals, Inc.
; STREET: 777 Old Saw Mill River Road
; CITY: Tarrytown
; STATE: New York
; COUNTRY: USA
; ZIP: 10591
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/689,020
; FILING DATE: 12-Oct-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,579
; FILING DATE: 17-JAN-1995
; APPLICATION NUMBER: US 08/353,503
; FILING DATE: 09-DEC-1994
; APPLICATION NUMBER: US 08/348,492
; FILING DATE: 02-DEC-1994
; APPLICATION NUMBER: US 08/330,261
; FILING DATE: 27-OCT-1994
; APPLICATION NUMBER: US 08/319,932
; FILING DATE: 07-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Cobert, Robert J.
; REGISTRATION NUMBER: REG 330-D
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 345-7400
; TELEFAX: (914) 345-7721
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 498 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-689-020-2

Query Match      100.0%; Score 106; DB 2; Length 498;
Best Local Similarity 100.0%; Pred. No. 5.7e-09;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1  LCTKEGVLLKGGKREKPPF 20
Db      264  LCTKEGVLLKGGKREKPPF 283
|||||

RESULT 37
US-09-998-831-2
; Sequence 2, Application US/09998831
; Patent No. 6676941
; GENERAL INFORMATION:
; APPLICANT: Philip E. Thorpe
; APPLICANT: Rolf A. Brekken
; TITLE OF INVENTION: ANTIBODY CONJUGATE COMPOSITIONS FOR SELECTIVELY INHIBITING VEGF
; FILE REFERENCE: 4001.002584
; CURRENT APPLICATION NUMBER: US/09/998.831
; CURRENT FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: 09/561.108
; PRIOR FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
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; LENGTH: 498
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-998-831-2

Query Match      100.0%; Score 106; DB 2; Length 498;
Best Local Similarity 100.0%; Pred. No. 5.7e-09;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LCTKEGVLKGGKREKPPF 20
Db 264 LCTKEGVLKGGKREKPPF 283

RESULT 38
US-09-561-005-2
; Sequence 2, Application US/09561005
; Patent No. 6703020
; GENERAL INFORMATION:
; APPLICANT: Philip E. Thorpe
; APPLICANT: Rolf A. Brekken
; TITLE OF INVENTION: ANTIBODY CONJUGATE METHODS FOR SELECTIVELY INHIBITING VEGF
; FILE REFERENCE: 4001.002585
; CURRENT APPLICATION NUMBER: US/09/561,005
; CURRENT FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: 60/131,432
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 498
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-561-005-2

Query Match      100.0%; Score 106; DB 2; Length 498;
Best Local Similarity 100.0%; Pred. No. 5.7e-09;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LCTKEGVLKGGKREKPPF 20
Db 264 LCTKEGVLKGGKREKPPF 283

RESULT 39
US-09-819-386-2
; Sequence 2, Application US/09819386
; Patent No. 6783760
; GENERAL INFORMATION:
; APPLICANT: THORPE, PHILIP E.
; APPLICANT: RAN, SOPHIA
; TITLE OF INVENTION: CANCER TREATMENT METHODS USING THERAPEUTIC CONJUGATES
; TITLE OF INVENTION: THAT BIND TO AMINOPHOSPHOLIPIDS
; FILE REFERENCE: 4001.002500
; CURRENT APPLICATION NUMBER: US/09/819,386
; CURRENT FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: US/09/351,457
; PRIOR FILING DATE: 1999-07-12
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 498
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-819-386-2

Query Match      100.0%; Score 106; DB 2; Length 498;
Best Local Similarity 100.0%; Pred. No. 5.7e-09;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LCTKEGVLKGGKREKPPF 20
Db 264 LCTKEGVLKGGKREKPPF 283

RESULT 40
US-09-351-598-2
; Sequence 2, Application US/09351598
; Patent No. 6818213
; GENERAL INFORMATION:
; APPLICANT: THORPE, PHILIP E.
; APPLICANT: RAN, SOPHIA
; TITLE OF INVENTION: CANCER TREATMENT COMPOSITIONS COMPRISING THERAPEUTIC
; TITLE OF INVENTION: CONJUGATES THAT BIND TO AMINOPHOSPHOLIPIDS
; FILE REFERENCE: 4001.002382
; CURRENT APPLICATION NUMBER: US/09/351,598
; CURRENT FILING DATE: 1999-07-12
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 498
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-351-598-2

Query Match      100.0%; Score 106; DB 2; Length 498;
Best Local Similarity 100.0%; Pred. No. 5.7e-09;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LCTKEGVLKGGKREKPPF 20
Db 264 LCTKEGVLKGGKREKPPF 283

RESULT 41
US-10-225-060-2
; Sequence 2, Application US/10225060
; Patent No. 6825008
; GENERAL INFORMATION:
; APPLICANT: Davis et al.
; TITLE OF INVENTION: Expressed Ligand - Vascular Intercellular Signaling
; TITLE OF INVENTION: Molecule
; FILE REFERENCE: REG 333-Z
; CURRENT APPLICATION NUMBER: US/10/225,060
; CURRENT FILING DATE: 2002-08-21
; PRIOR APPLICATION NUMBER: US/09/709,188
; PRIOR FILING DATE: 2000-11-09
; PRIOR APPLICATION NUMBER: 08/740,223
; PRIOR FILING DATE: 1996-10-25
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 498
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-225-060-2

Query Match      100.0%; Score 106; DB 2; Length 498;
Best Local Similarity 100.0%; Pred. No. 5.7e-09;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LCTKEGVLKGGKREKPPF 20
Db 264 LCTKEGVLKGGKREKPPF 283

RESULT 42
US-10-225-060-20
; Sequence 20, Application US/10225060
; Patent No. 6825008
; GENERAL INFORMATION:
; APPLICANT: Davis et al.
; TITLE OF INVENTION: Expressed Ligand - Vascular Intercellular Signaling
; TITLE OF INVENTION: Molecule
; FILE REFERENCE: REG 333-Z
; CURRENT APPLICATION NUMBER: US/10/225,060
```

; CURRENT FILING DATE: 2002-08-21  
; PRIOR APPLICATION NUMBER: US/09/709,188  
; PRIOR FILING DATE: 2000-11-09  
; PRIOR APPLICATION NUMBER: 08/740,223  
; PRIOR FILING DATE: 1996-10-25  
; NUMBER OF SEQ ID NOS: 30  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 20  
; LENGTH: 498  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Chimeric  
; FEATURE:  
; OTHER INFORMATION: IN1C2F (chimera 1)  
US-10-225-060-20

Query Match 100.0%; Score 106; DB 2; Length 498;  
Best Local Similarity 100.0%; Pred. No. 5.7e-09;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LCTKEGVLKGGKREEEKPF 20  
|||||  
Db 264 LCTKEGVLKGGKREEEKPF 283

RESULT 43  
US-10-018-386-3  
; Sequence 3, Application US/10018386  
; Patent No. 6835381  
; GENERAL INFORMATION:  
; APPLICANT: Bayer AG  
; APPLICANT: Friedrich, Gabi  
; APPLICANT: Hagen, Gustav  
; APPLICANT: Wick, Maresa  
; APPLICANT: Zubov, Dmitry  
; APPLICANT: Dubois-Stringfellow, Nathalie A.  
; TITLE OF INVENTION: METHODS FOR MODULATING ANGIOGENESIS  
; FILE REFERENCE: 17956A-000500PC  
; CURRENT APPLICATION NUMBER: US/10/018,386  
; CURRENT FILING DATE: 2001-12-13  
; PRIOR APPLICATION NUMBER: EP 99113502.1  
; PRIOR FILING DATE: 1999-07-02  
; NUMBER OF SEQ ID NOS: 8  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 3  
; LENGTH: 498  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-018-386-3

Query Match 100.0%; Score 106; DB 2; Length 498;  
Best Local Similarity 100.0%; Pred. No. 5.7e-09;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LCTKEGVLKGGKREEEKPF 20  
|||||  
Db 264 LCTKEGVLKGGKREEEKPF 283

RESULT 44  
US-10-215-224-5  
; Sequence 5, Application US/10215224  
; Patent No. 6846914  
; GENERAL INFORMATION:  
; APPLICANT: Valenzuela et al.  
; TITLE OF INVENTION: NOVEL LIGANDS, METHODS OF MAKING AND USES THEREOF  
; FILE REFERENCE: REG330-K  
; CURRENT APPLICATION NUMBER: US/10/215,224  
; CURRENT FILING DATE: 2002-08-08  
; PRIOR APPLICATION NUMBER: US/09/202,491  
; PRIOR FILING DATE: 1998-11-16  
; PRIOR APPLICATION NUMBER: PCT/US97/10728

; PRIOR FILING DATE: 1997-06-19  
; PRIOR APPLICATION NUMBER: 60/022,999  
; PRIOR FILING DATE: 1996-08-02  
; PRIOR APPLICATION NUMBER: 60/021,087  
; PRIOR FILING DATE: 1996-07-02  
; PRIOR APPLICATION NUMBER: 08/665,926  
; PRIOR FILING DATE: 1996-06-19  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 5  
; LENGTH: 498  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-215-224-5

Query Match 100.0%; Score 106; DB 2; Length 498;  
Best Local Similarity 100.0%; Pred. No. 5.7e-09;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LCTKEGVLKGGKREEEKPF 20  
|||||  
Db 264 LCTKEGVLKGGKREEEKPF 283

RESULT 45  
US-10-215-224-6  
; Sequence 6, Application US/10215224  
; Patent No. 6846914  
; GENERAL INFORMATION:  
; APPLICANT: Valenzuela et al.  
; TITLE OF INVENTION: NOVEL LIGANDS, METHODS OF MAKING AND USES THEREOF  
; FILE REFERENCE: REG330-K  
; CURRENT APPLICATION NUMBER: US/10/215,224  
; CURRENT FILING DATE: 2002-08-08  
; PRIOR APPLICATION NUMBER: US/09/202,491  
; PRIOR FILING DATE: 1998-11-16  
; PRIOR APPLICATION NUMBER: PCT/US97/10728  
; PRIOR FILING DATE: 1997-06-19  
; PRIOR APPLICATION NUMBER: 60/022,999  
; PRIOR FILING DATE: 1996-08-02  
; PRIOR APPLICATION NUMBER: 60/021,087  
; PRIOR FILING DATE: 1996-07-02  
; PRIOR APPLICATION NUMBER: 08/665,926  
; PRIOR FILING DATE: 1996-06-19  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 6  
; LENGTH: 498  
; TYPE: PRT  
; ORGANISM: Mus musculus  
US-10-215-224-6

Query Match 100.0%; Score 106; DB 2; Length 498;  
Best Local Similarity 100.0%; Pred. No. 5.7e-09;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LCTKEGVLKGGKREEEKPF 20  
|||||  
Db 264 LCTKEGVLKGGKREEEKPF 283

RESULT 46  
US-10-214-812-5  
; Sequence 5, Application US/10214812  
; Patent No. 6881395  
; GENERAL INFORMATION:  
; APPLICANT: Valenzuela et al.  
; TITLE OF INVENTION: NOVEL LIGANDS, METHODS OF MAKING AND USES THEREOF  
; FILE REFERENCE: REG330-K  
; CURRENT APPLICATION NUMBER: US/10/214,812  
; CURRENT FILING DATE: 2002-08-08  
; PRIOR APPLICATION NUMBER: US/09/202,491  
; PRIOR FILING DATE: 1998-11-16

; PRIOR APPLICATION NUMBER: PCT/US97/10728  
; PRIOR FILING DATE: 1997-06-19  
; PRIOR APPLICATION NUMBER: 60/022,999  
; PRIOR FILING DATE: 1996-08-02  
; PRIOR APPLICATION NUMBER: 60/021,087  
; PRIOR FILING DATE: 1996-07-02  
; PRIOR APPLICATION NUMBER: 08/665,926  
; PRIOR FILING DATE: 1996-08-19  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 5  
; LENGTH: 498  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-214-812-5

Query Match 100.0%; Score 106; DB 2; Length 498;  
Best Local Similarity 100.0%; Pred. No. 5.7e-09;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LCTKEGVLKGGKREKPF 20  
| | | | | | | | | | | | | | | | | | | | | |  
DB 264 LCTKEGVLKGGKREKPF 283

## RESULT 47

US-10-214-812-6  
; Sequence 6, Application US/10214812  
; Patent No. 6881395  
; GENERAL INFORMATION:  
; APPLICANT: Valenzuela et al.  
; TITLE OF INVENTION: NOVEL LIGANDS, METHODS OF MAKING AND USES THEREOF  
; FILE REFERENCE: REG330-K  
; CURRENT APPLICATION NUMBER: US/10/214,812  
; CURRENT FILING DATE: 2002-08-08  
; PRIOR APPLICATION NUMBER: US/09/202,491  
; PRIOR FILING DATE: 1998-11-16  
; PRIOR APPLICATION NUMBER: PCT/US97/10728  
; PRIOR FILING DATE: 1997-06-19  
; PRIOR APPLICATION NUMBER: 60/022,999  
; PRIOR FILING DATE: 1996-08-02  
; PRIOR APPLICATION NUMBER: 60/021,087  
; PRIOR FILING DATE: 1996-07-02  
; PRIOR APPLICATION NUMBER: 08/665,926  
; PRIOR FILING DATE: 1996-08-19  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 6  
; LENGTH: 498  
; TYPE: PRT  
; ORGANISM: Mus musculus  
US-10-214-812-6

Query Match 100.0%; Score 106; DB 2; Length 498;  
Best Local Similarity 100.0%; Pred. No. 5.7e-09;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LCTKEGVLKGGKREKPF 20  
| | | | | | | | | | | | | | | | | | | | | |  
DB 264 LCTKEGVLKGGKREKPF 283

## RESULT 48

US-09-562-245-2  
; Sequence 2, Application US/09562245  
; Patent No. 6887468  
; GENERAL INFORMATION:  
; APPLICANT: Philip E. Thorpe  
; APPLICANT: Rolf A. Brecken  
; TITLE OF INVENTION: ANTIBODY KITS FOR SELECTIVELY INHIBITING VEGF  
; FILE REFERENCE: 4001.002583  
; CURRENT APPLICATION NUMBER: US/09/562,245  
; CURRENT FILING DATE: 2000-04-28

; PRIOR APPLICATION NUMBER: 60/131,432  
; PRIOR FILING DATE: 1999-04-28  
; NUMBER OF SEQ ID NOS: 44  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 2  
; LENGTH: 498  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-562-245-2

Query Match 100.0%; Score 106; DB 2; Length 498;  
Best Local Similarity 100.0%; Pred. No. 5.7e-09;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LCTKEGVLKGGKREKPF 20  
| | | | | | | | | | | | | | | | | | | | | |  
DB 264 LCTKEGVLKGGKREKPF 283

## RESULT 49

US-11-073-120-2  
; Sequence 2, Application US/11073120  
; Patent No. 7045302  
; GENERAL INFORMATION:  
; APPLICANT: Davis, Samuel  
; APPLICANT: Yancopoulos, George D.  
; TITLE OF INVENTION: Expressed Ligand - Vascular  
; TITLE OF INVENTION: Intercellular Signaling Molecule  
; FILE REFERENCE: REG 333X  
; CURRENT APPLICATION NUMBER: US/11/073,120  
; CURRENT FILING DATE: 2005-03-04  
; PRIOR APPLICATION NUMBER: 10/225,060  
; PRIOR FILING DATE: 2002-08-21  
; PRIOR APPLICATION NUMBER: 09/709,188  
; PRIOR FILING DATE: 2000-11-09  
; NUMBER OF SEQ ID NOS: 30  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 2  
; LENGTH: 498  
; TYPE: PRT  
; ORGANISM: Homo sapien  
US-11-073-120-2

Query Match 100.0%; Score 106; DB 3; Length 498;  
Best Local Similarity 100.0%; Pred. No. 5.7e-09;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LCTKEGVLKGGKREKPF 20  
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DB 264 LCTKEGVLKGGKREKPF 283

## RESULT 50

US-11-073-120-2  
; Sequence 20, Application US/11073120  
; Patent No. 7045302  
; GENERAL INFORMATION:  
; APPLICANT: Davis, Samuel  
; APPLICANT: Yancopoulos, George D.  
; TITLE OF INVENTION: Expressed Ligand - Vascular  
; TITLE OF INVENTION: Intercellular Signaling Molecule  
; FILE REFERENCE: REG 333X  
; CURRENT APPLICATION NUMBER: US/11/073,120  
; CURRENT FILING DATE: 2005-03-04  
; PRIOR APPLICATION NUMBER: 10/225,060  
; PRIOR FILING DATE: 2002-08-21  
; PRIOR APPLICATION NUMBER: 09/709,188  
; PRIOR FILING DATE: 2000-11-09  
; NUMBER OF SEQ ID NOS: 30  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 20  
; LENGTH: 498  
; TYPE: PRT

; ORGANISM: Homo sapien  
US-11-073-120-20

Query Match 100.0%; Score 106; DB 3; Length 498;  
Best Local Similarity 100.0%; Pred. NO. 5.7e-09;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LCTKEGVLLKGGKREEEKPF 20  
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Db 264 LCTKEGVLLKGGKREEEKPF 283

Search completed: July 12, 2007, 02:01:02  
Job time : 91 secs

GenCore version 6.2.1  
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OM protein - protein search, using sw model

Run on: July 12, 2007, 01:59:52 ; Search time 74 Seconds  
(without alignments)  
125.193 Million cell updates/sec

Title: US-10-789-222a-2

Perfect score: 106

Sequence: 1 LCTKRGVLLKGGKREKPF 20

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 2097797 seqs, 463214858 residues

Total number of hits satisfying chosen parameters: 2097797

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 1000 summaries

Database : Published Applications AA Main.\*

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- 2: /EMC\_Celerra\_SIDS3/prodata/2/pubpaa/US08\_PUBCOMB.pep.\*
- 3: /EMC\_Celerra\_SIDS3/prodata/2/pubpaa/US09\_PUBCOMB.pep.\*
- 4: /EMC\_Celerra\_SIDS3/prodata/2/pubpaa/US10A\_PUBCOMB.pep.\*
- 5: /EMC\_Celerra\_SIDS3/prodata/2/pubpaa/US10B\_PUBCOMB.pep.\*
- 6: /EMC\_Celerra\_SIDS3/prodata/2/pubpaa/US11\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

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4	106	100.0	260	6	US-10-273-180-2
5	106	100.0	260	6	US-11-284-465-2
6	106	100.0	298	4	US-10-273-180-4
7	106	100.0	298	6	US-11-284-465-4
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9	106	100.0	309	6	US-11-284-465-6
10	106	100.0	312	4	US-10-273-180-8
11	106	100.0	312	6	US-11-284-465-8
12	106	100.0	402	4	US-10-367-259A-36
13	106	100.0	402	6	US-11-019-829-115
14	106	100.0	456	4	US-10-789-222-7
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16	106	100.0	478	4	US-10-225-060-7
17	106	100.0	478	5	US-10-928-911-7
18	106	100.0	478	6	US-11-073-120-7
19	106	100.0	495	4	US-10-225-060-26
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21	106	100.0	495	6	US-11-073-120-26
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25	106	100.0	498	3	US-09-998-831-2
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81	89.5	84.4	497	4	US-10-367-259A-39	Sequence 42, Appli
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83	89.5	84.4	497	5	US-10-868-577A-67	Sequence 4, Appli
84	89.5	84.4	497	5	US-10-928-911-4	Sequence 4, Appli
85	89.5	84.4	497	6	US-11-073-091-4	Sequence 11, Appli
86	89.5	84.4	497	6	US-11-073-120-4	Sequence 163, App
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102	51	48.1	930	4	US-10-437-963-130740	Sequence 120740,	175	48	45.3	1170	4	US-10-437-963-189335	Sequence 189335,
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147	51	48.1	1935	4	US-10-437-963-130662	Sequence 130662,	220	45	42.5	105	3	US-09-864-761-36969	Sequence 36969, A
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149	51	48.1	1959	4	US-10-437-963-130816	Sequence 120816,	222	45	42.5	135	4	US-10-425-115-244434	Sequence 244434,
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152	51	48.1	2623	4	US-10-412-699B-1519	Sequence 1519, Ap	225	45	42.5	168	3	US-09-750-963-13	Sequence 13, Appl
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155	50	47.2	1310	4	US-10-425-115-216765	Sequence 216765,	228	45	42.5	168	5	US-10-087-922-22	Sequence 22, Appl
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157	49	46.2	683	4	US-10-283-122A-54972	Sequence 54972, A	230	45	42.5	254	4	US-10-425-115-336271	Sequence 336271,
158	49	46.2	710	3	US-09-815-242-10895	Sequence 10895, A	231	45	42.5	451	4	US-10-425-115-302013	Sequence 302013,
159	49	46.2	710	3	US-10-283-122A-57158	Sequence 57158, A	232	45	42.5	457	4	US-10-425-114-53681	Sequence 53681, A
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164	48	45.3	906	4	US-10-437-963-189040	Sequence 189040,	237	45	42.5	645	4	US-10-425-115-368990	Sequence 368990,
165	48	45.3	966	4	US-10-437-963-120712	Sequence 120712,	238	45	42.5	751	4	US-10-425-115-194910	Sequence 194910,
166	48	45.3	977	4	US-10-437-963-189257	Sequence 189257,	239	45	42.5	923	4	US-10-104-440-2	Sequence 2, Appli
167	48	45.3	1008	4	US-10-437-963-189329	Sequence 189329,	240	45	42.5	923	4	US-10-104-610-2	Sequence 2, Appli
168	48	45.3	1051	4	US-10-437-963-189141	Sequence 189141,	241	45	42.5	923	4	US-10-262-538-2	Sequence 2, Appli
169	48	45.3	1052	4	US-10-437-963-142025	Sequence 142025,	242	45	42.5	923	5	US-10-669-176-2	Sequence 7, Appli
170	48	45.3	1082	4	US-10-437-963-189175	Sequence 189175,	243	45	42.5	923	5	US-10-703-817-7	Sequence 7, Appli
171	48	45.3	1084	4	US-10-437-963-189180	Sequence 189180,	244	45	42.5	923	5	US-10-287-436A-425	Sequence 425, App
172	48	45.3	1094	4	US-10-437-963-189248	Sequence 189248,	245	45	42.5	923	5	US-10-287-436A-1122	Sequence 1122, App
173	48	45.3	1107	4	US-10-437-963-189075	Sequence 189075,	246	45	42.5	923	5	US-10-840-590-18	Sequence 18, Appl

247	45	42.5	923	6	US-11-075-047A-113	Sequence 113, App	320	43	40.6	1578	4	US-10-087-192-960	Sequence 960, App
248	45	42.5	957	4	US-10-296-115-1285	Sequence 1285, App	321	43	40.6	1788	4	US-10-408-765A-2265	Sequence 2265, App
249	45	42.5	1080	5	US-10-450-763-44755	Sequence 44755, App	322	43	40.6	1788	5	US-10-719-993-840	Sequence 840, App
250	45	42.5	1093	4	US-10-437-963-189178	Sequence 189178, App	323	43	40.6	2103	4	US-10-437-963-137755	Sequence 137755, App
251	45	42.5	1119	4	US-10-437-963-189212	Sequence 189212, App	324	43	40.6	2152	4	US-10-087-192-957	Sequence 957, App
252	45	42.5	1187	4	US-10-437-963-119970	Sequence 119970, App	325	43	40.6	2214	5	US-10-719-993-839	Sequence 839, App
253	45	42.5	1504	4	US-10-437-963-189284	Sequence 189284, App	326	43	40.6	2214	5	US-10-719-993-841	Sequence 841, App
254	44.5	42.0	249	6	US-11-096-568A-24481	Sequence 24481, A	327	42.5	40.1	75	4	US-10-437-963-155176	Sequence 155176, App
255	44.5	42.0	255	4	US-10-425-114-55860	Sequence 55860, A	328	42.5	40.1	163	5	US-10-793-628-2598	Sequence 2598, App
256	44.5	42.0	260	6	US-11-096-568A-24480	Sequence 24480, A	329	42.5	40.1	623	6	US-11-097-143-25275	Sequence 25275, A
257	44.5	42.0	273	4	US-10-425-115-238055	Sequence 238055, A	330	42.5	40.1	627	6	US-11-097-143-25278	Sequence 25278, A
258	44.5	42.0	354	6	US-11-096-568A-24479	Sequence 24479, A	331	42.5	40.1	1003	4	US-10-161-051-91	Sequence 91, Appl
259	44	41.5	88	4	US-10-425-114-61664	Sequence 61664, A	332	42.5	40.1	1013	4	US-10-451-467A-546	Sequence 546, App
260	44	41.5	118	4	US-10-437-963-173716	Sequence 173716, A	333	42	39.6	76	4	US-10-424-599-231574	Sequence 231574, App
261	44	41.5	185	5	US-10-450-763-36841	Sequence 36841, A	334	42	39.6	86	4	US-10-424-599-173039	Sequence 173039, App
262	44	41.5	199	4	US-10-437-963-183690	Sequence 183690, A	335	42	39.6	114	4	US-10-424-599-23727	Sequence 23727, App
263	44	41.5	228	4	US-10-080-170-250	Sequence 250, App	336	42	39.6	131	6	US-11-097-143-23457	Sequence 23457, A
264	44	41.5	228	4	US-10-080-170-250	Sequence 250, App	337	42	39.6	134	4	US-10-282-122A-55650	Sequence 55650, A
265	44	41.5	228	4	US-10-468-356-250	Sequence 250, App	338	42	39.6	138	4	US-10-077-584-2	Sequence 2, Appli
266	44	41.5	252	4	US-10-437-963-129992	Sequence 129992, App	339	42	39.6	140	3	US-09-904-987-4	Sequence 4, Appli
267	44	41.5	275	3	US-09-823-356-16	Sequence 16, Appli	340	42	39.6	140	4	US-10-039-413-1	Sequence 1, Appli
268	44	41.5	275	4	US-10-112-645-2	Sequence 2, Appli	341	42	39.6	140	4	US-10-039-413-2	Sequence 2, Appli
269	44	41.5	275	4	US-10-170-385-23	Sequence 23, Appli	342	42	39.6	140	4	US-10-039-413-3	Sequence 3, Appli
270	44	41.5	275	4	US-10-755-889-436	Sequence 436, App	343	42	39.6	140	4	US-10-039-413-4	Sequence 4, Appli
271	44	41.5	275	6	US-11-110-977-2	Sequence 2, Appli	344	42	39.6	140	4	US-10-301-488A-54	Sequence 54, Appl
272	44	41.5	276	3	US-09-813-153-86	Sequence 86, Appli	345	42	39.6	140	4	US-10-445-366-17	Sequence 17, Appl
273	44	41.5	276	3	US-09-949-925-86	Sequence 86, Appli	346	42	39.6	140	4	US-10-112-944-255	Sequence 255, App
274	44	41.5	282	3	US-09-833-245-458	Sequence 458, App	347	42	39.6	140	4	US-10-301-448-54	Sequence 54, Appl
275	44	41.5	282	6	US-11-264-096-458	Sequence 458, App	348	42	39.6	140	4	US-10-699-517-1	Sequence 1, Appli
276	44	41.5	291	4	US-10-264-237-1828	Sequence 1828, App	349	42	39.6	140	4	US-10-698-099-1	Sequence 1, Appli
277	44	41.5	318	3	US-09-833-245-455	Sequence 455, App	350	42	39.6	140	5	US-10-915-214-1	Sequence 1, Appli
278	44	41.5	318	6	US-11-264-096-455	Sequence 455, App	351	42	39.6	140	5	US-10-826-157-2	Sequence 2, Appli
279	44	41.5	373	4	US-10-289-762-934	Sequence 934, App	352	42	39.6	140	5	US-10-991-286A-2	Sequence 2, Appli
280	44	41.5	394	4	US-10-282-122A-68412	Sequence 68412, A	353	42	39.6	140	5	US-10-984-192-1	Sequence 1, Appli
281	44	41.5	798	6	US-11-079-463-10034	Sequence 10034, A	354	42	39.6	140	5	US-10-969-335-1	Sequence 1, Appli
282	44	41.5	3975	4	US-10-437-963-165014	Sequence 165014, A	355	42	39.6	140	6	US-11-177-509-18	Sequence 18, Appl
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284	43.5	41.0	513	4	US-10-389-566-1810	Sequence 1810, App	357	42	39.6	141	5	US-10-853-774-10	Sequence 10, Appl
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290	43	40.6	113	4	US-10-377-977-74	Sequence 74, Appli	363	42	39.6	245	4	US-10-335-977-9001	Sequence 9001, App
291	43	40.6	134	4	US-10-282-122A-44560	Sequence 44560, A	364	42	39.6	246	4	US-10-335-977-9002	Sequence 9002, App
292	43	40.6	196	4	US-10-425-115-284360	Sequence 284360, A	365	42	39.6	286	5	US-10-908-400A-77	Sequence 77, Appl
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294	43	40.6	396	4	US-10-282-122A-44501	Sequence 44501, A	367	42	39.6	338	3	US-09-881-752A-222	Sequence 222, App
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296	43	40.6	402	4	US-10-087-192-939	Sequence 939, App	369	42	39.6	366	5	US-10-908-400A-76	Sequence 76, Appl
297	43	40.6	415	3	US-09-826-212-6	Sequence 6, Appli	370	42	39.6	367	4	US-10-223-978-7	Sequence 7, Appli
298	43	40.6	415	3	US-09-935-772-8	Sequence 8, Appli	371	42	39.6	367	5	US-10-713-851-7	Sequence 7, Appli
299	43	40.6	415	3	US-09-935-772-8	Sequence 8, Appli	372	42	39.6	394	3	US-09-912-020-247	Sequence 247, App
300	43	40.6	415	3	US-09-917-372-20	Sequence 20, Appli	373	42	39.6	394	3	US-09-845-335-6	Sequence 6, Appli
301	43	40.6	415	4	US-10-186-643-6	Sequence 6, Appli	374	42	39.6	394	3	US-09-815-242-10362	Sequence 10362, A
302	43	40.6	415	4	US-10-418-242-8	Sequence 8, Appli	375	42	39.6	394	3	US-09-815-242-10431	Sequence 10431, A
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304	43	40.6	415	6	US-11-182-946-6	Sequence 6, Appli	377	42	39.6	394	4	US-10-282-122A-42800	Sequence 42800, A
305	43	40.6	416	4	US-10-369-493-21361	Sequence 21361, A	378	42	39.6	394	4	US-10-282-122A-42958	Sequence 42958, A
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307	43	40.6	512	4	US-10-437-963-173493	Sequence 173493, App	380	42	39.6	394	4	US-10-282-122A-59359	Sequence 59359, A
308	43	40.6	589	4	US-10-282-122A-65044	Sequence 65044, A	381	42	39.6	394	4	US-10-282-122A-73245	Sequence 73245, A
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311	43	40.6	706	6	US-11-087-099-8254	Sequence 8254, App	384	42	39.6	394	4	US-10-282-122A-75927	Sequence 75927, A
312	43	40.6	708	6	US-11-087-099-8728	Sequence 8728, App	385	42	39.6	394	5	US-10-771-241-247	Sequence 247, App
313	43	40.6	928	4	US-10-437-963-168029	Sequence 168029, App	386	42	39.6	404	6	US-11-097-143-1581	Sequence 1581, App
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317	43	40.6	1119	4	US-10-437-963-120742	Sequence 120742, App	390	42	39.6	440	6	US-11-188-298-10907	Sequence 10907, A
318	43	40.6	1134	4	US-10-437-963-137860	Sequence 137860, App	391	42	39.6	458	4	US-10-156-761-12907	Sequence 12907, A
319	43	40.6	1294	4	US-10-437-963-142067	Sequence 142067, App	392	42	39.6	458	5	US-10-739-930-8147	Sequence 8147, App

393	42	39.6	470	4	US-10-437-963-150937	Sequence 150937,	466	41	38.7	407	6	US-11-172-740-1558	Sequence 1558, Ap
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395	42	39.6	566	4	US-10-425-115-326139	Sequence 326139,	468	41	38.7	409	6	US-11-172-740-1557	Sequence 1557, Ap
396	42	39.6	592	4	US-10-107-047-3366	Sequence 3366, Ap	469	41	38.7	409	6	US-11-172-740-1559	Sequence 1559, Ap
397	42	39.6	592	6	US-11-082-389-96	Sequence 3866, Ap	470	41	38.7	412	6	US-11-082-389-96	Sequence 96, Appl
398	42	39.6	637	5	US-10-450-763-38472	Sequence 38472, A	471	41	38.7	417	4	US-10-282-122A-58457	Sequence 58457, A
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402	42	39.6	754	4	US-10-369-493-9385	Sequence 9385, Ap	475	41	38.7	420	6	US-11-097-143-30300	Sequence 30300, A
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409	42	39.6	1088	5	US-10-459-876-2	Sequence 2, Appli	482	41	38.7	625	3	US-09-738-626-6787	Sequence 6787, Ap
410	42	39.6	1088	5	US-10-741-600-933	Sequence 933, App	483	41	38.7	800	4	US-10-369-493-6954	Sequence 6954, Ap
411	42	39.6	1088	5	US-10-741-600-936	Sequence 936, App	484	41	38.7	812	4	US-10-369-493-18913	Sequence 18913, A
412	42	39.6	1097	5	US-10-741-600-934	Sequence 934, App	485	41	38.7	814	5	US-10-732-923-6929	Sequence 6929, Ap
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417	41.5	39.2	179	5	US-10-732-923-17975	Sequence 17975, A	490	41	38.7	1339	6	US-11-097-143-4635	Sequence 4635, Ap
418	41.5	39.2	234	5	US-10-732-923-2374	Sequence 2374, Ap	491	40.5	38.2	108	4	US-10-424-599-203122	Sequence 203122,
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428	41	38.7	139	3	US-09-901-938-14	Sequence 14, Appl	501	40	37.7	80	4	US-10-424-599-219851	Sequence 219851,
429	41	38.7	139	4	US-10-379-334-14	Sequence 14, Appl	502	40	37.7	93	3	US-09-867-550-590	Sequence 590, App
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432	41	38.7	181	4	US-10-194-443-6	Sequence 6, Appli	505	40	37.7	100	4	US-10-425-115-320133	Sequence 320133,
433	41	38.7	181	4	US-10-372-653-3	Sequence 3, Appli	506	40	37.7	102	4	US-10-437-963-162824	Sequence 162824,
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435	41	38.7	187	4	US-10-767-701-42387	Sequence 42387, A	508	40	37.7	104	4	US-10-437-963-186325	Sequence 186325,
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437	41	38.7	225	4	US-10-437-963-193470	Sequence 193470,	510	40	37.7	111	4	US-10-437-963-164898	Sequence 164898,
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440	41	38.7	243	3	US-09-251-263-2	Sequence 2, Appli	513	40	37.7	127	4	US-10-097-340-298	Sequence 298, App
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442	41	38.7	243	4	US-10-192-988-25	Sequence 25, Appl	515	40	37.7	127	5	US-10-826-157-6	Sequence 6, Appli
443	41	38.7	243	4	US-10-374-207-15	Sequence 15, Appl	516	40	37.7	127	6	US-11-050-926-298	Sequence 298, App
444	41	38.7	243	4	US-10-315-431-21	Sequence 21, Appl	517	40	37.7	127	6	US-11-205-031-2	Sequence 2, Appli
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726	39	36.8	168	3	US-09-764-853-656	Sequence 656, App	799	39	36.8	245	3	US-09-990-440-495	Sequence 495, App
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ALIGNMENTS

RESULT 1
US-10-789-222-1
; Sequence 1, Application US/10789222
; Publication No. US20040186054A1
; GENERAL INFORMATION:
; APPLICANT: Yu, Qin
; TITLE OF INVENTION: Angiopoietin and Fragments, Mutants, and Analogs Thereof and Uses
; FILE REFERENCE: of the Same
; CURRENT APPLICATION NUMBER: US/10789,222
; PRIOR FILING DATE: 2004-02-27
; PRIOR APPLICATION NUMBER: US 60/450,582
; PRIOR FILING DATE: 2003-02-27
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 20
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-789-222-1

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Best Local Similarity 100.0%; Pred. No. 1.7e-09;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LCTKEGVLLKGGKREEEKPF 20
Db 1 LCTKEGVLLKGGKREEEKPF 20

RESULT 2
US-10-789-222-2
; Sequence 2, Application US/10789222
; Publication No. US20040186054A1
; GENERAL INFORMATION:
; APPLICANT: Yu, Qin
; TITLE OF INVENTION: Angiopoietin and Fragments, Mutants, and Analogs Thereof and Uses
; FILE REFERENCE: of the Same
; CURRENT APPLICATION NUMBER: US/10789,222
; PRIOR FILING DATE: 2004-02-27
; PRIOR APPLICATION NUMBER: US 60/450,582
; PRIOR FILING DATE: 2003-02-27
; NUMBER OF SEQ ID NOS: 36
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; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 20
; TYPE: PRT
; ORGANISM: mouse
US-10-789-222-2

Query Match 100.0%; Score 106; DB 4; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.7e-09;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LCTKEGVLLKGGKREEEKPF 20
Db 1 LCTKEGVLLKGGKREEEKPF 20

RESULT 3
US-09-832-355A-18
; Sequence 18, Application US/09832355A
; Publication No. US20030027751A1
; GENERAL INFORMATION:
; APPLICANT: Kovessdi, Imre
; APPLICANT: Kessler, Paul
; TITLE OF INVENTION: VEGF FUSION PROTEINS
; FILE REFERENCE: 205654
; CURRENT APPLICATION NUMBER: US/09/832,355A
; CURRENT FILING DATE: 2001-04-10
; NUMBER OF SEQ ID NOS: 126
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 18
; LENGTH: 235
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-832-355A-18

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Best Local Similarity 100.0%; Pred. No. 2.5e-08;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LCTKEGVLLKGGKREEEKPF 20
Db 215 LCTKEGVLLKGGKREEEKPF 234

RESULT 4
US-10-273-180-2
; Sequence 2, Application US/10273180
; Publication No. US20030220476A1
; GENERAL INFORMATION:
; APPLICANT: KOH, Gou Young
; TITLE OF INVENTION: CHIMERIC COILED COIL MOLECULES
; FILE REFERENCE: 10010-00001
; CURRENT APPLICATION NUMBER: US/10/273,180
; CURRENT FILING DATE: 2002-10-18
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 260
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-273-180-2

Query Match 100.0%; Score 106; DB 4; Length 260;
Best Local Similarity 100.0%; Pred. No. 2.8e-08;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 27 LCTKEGVLLKGGKREEEKPF 46

RESULT 5
US-11-284-465-2
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; Sequence 2, Application US/11284465  
; Publication No. US20060074230A1  
; GENERAL INFORMATION:  
; APPLICANT: KOH, Gou Young  
; TITLE OF INVENTION: CHIMERIC COILED COIL MOLECULES  
; FILE REFERENCE: 10010-00001  
; CURRENT APPLICATION NUMBER: US/11/284,465  
; CURRENT FILING DATE: 2005-11-21  
; PRIOR APPLICATION NUMBER: US/10/273,180  
; PRIOR FILING DATE: 2002-10-18  
; NUMBER OF SEQ ID NOS: 30  
; SOFTWARE: PatentIn version 3.1  
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US-11-284-465-2

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Db 27 LCTKEGVLKGGKREEEKPF 46

RESULT 6  
US-10-273-180-4  
; Sequence 4, Application US/10273180  
; Publication No. US20030220476A1  
; GENERAL INFORMATION:  
; APPLICANT: KOH, Gou Young  
; TITLE OF INVENTION: CHIMERIC COILED COIL MOLECULES  
; FILE REFERENCE: 10010-00001  
; CURRENT APPLICATION NUMBER: US/10/273,180  
; CURRENT FILING DATE: 2002-10-18  
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; ORGANISM: Homo sapiens  
US-10-273-180-4

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Best Local Similarity 100.0%; Pred. No. 3.2e-08;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 LCTKEGVLKGGKREEEKPF 20  
Db 64 LCTKEGVLKGGKREEEKPF 83

RESULT 7  
US-11-284-465-4  
; Sequence 4, Application US/11284465  
; Publication No. US20060074230A1  
; GENERAL INFORMATION:  
; APPLICANT: KOH, Gou Young  
; TITLE OF INVENTION: CHIMERIC COILED COIL MOLECULES  
; FILE REFERENCE: 10010-00001  
; CURRENT APPLICATION NUMBER: US/11/284,465  
; CURRENT FILING DATE: 2005-11-21  
; PRIOR APPLICATION NUMBER: US/10/273,180  
; PRIOR FILING DATE: 2002-10-18  
; NUMBER OF SEQ ID NOS: 30  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 4  
; LENGTH: 298  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-11-284-465-4

Query Match 100.0%; Score 106; DB 6; Length 298;  
Best Local Similarity 100.0%; Pred. No. 3.2e-08;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 LCTKEGVLKGGKREEEKPF 20  
Db 64 LCTKEGVLKGGKREEEKPF 83

RESULT 8  
US-10-273-180-6  
; Sequence 6, Application US/10273180  
; Publication No. US20030220476A1  
; GENERAL INFORMATION:  
; APPLICANT: KOH, Gou Young  
; TITLE OF INVENTION: CHIMERIC COILED COIL MOLECULES  
; FILE REFERENCE: 10010-00001  
; CURRENT APPLICATION NUMBER: US/10/273,180  
; CURRENT FILING DATE: 2002-10-18  
; NUMBER OF SEQ ID NOS: 30  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 6  
; LENGTH: 309  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-273-180-6

Query Match 100.0%; Score 106; DB 4; Length 309;  
Best Local Similarity 100.0%; Pred. No. 3.3e-08;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 LCTKEGVLKGGKREEEKPF 20  
Db 75 LCTKEGVLKGGKREEEKPF 94

RESULT 9  
US-11-284-465-6  
; Sequence 6, Application US/11284465  
; Publication No. US20060074230A1  
; GENERAL INFORMATION:  
; APPLICANT: KOH, Gou Young  
; TITLE OF INVENTION: CHIMERIC COILED COIL MOLECULES  
; FILE REFERENCE: 10010-00001  
; CURRENT APPLICATION NUMBER: US/11/284,465  
; CURRENT FILING DATE: 2005-11-21  
; PRIOR APPLICATION NUMBER: US/10/273,180  
; PRIOR FILING DATE: 2002-10-18  
; NUMBER OF SEQ ID NOS: 30  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 6  
; LENGTH: 309  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-11-284-465-6

Query Match 100.0%; Score 106; DB 6; Length 309;  
Best Local Similarity 100.0%; Pred. No. 3.3e-08;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 LCTKEGVLKGGKREEEKPF 20  
Db 75 LCTKEGVLKGGKREEEKPF 94

RESULT 10  
US-10-273-180-8  
; Sequence 8, Application US/10273180  
; Publication No. US20030220476A1  
; GENERAL INFORMATION:  
; APPLICANT: KOH, Gou Young  
; TITLE OF INVENTION: CHIMERIC COILED COIL MOLECULES

FILE REFERENCE: 10010-00001  
CURRENT APPLICATION NUMBER: US/10/273,180  
CURRENT FILING DATE: 2002-10-18  
NUMBER OF SEQ ID NOS: 30  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 8  
LENGTH: 312  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-273-180-8

Query Match 100.0%; Score 106; DB 4; Length 312;  
Best Local Similarity 100.0%; Pred. No. 3.4e-08;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LCTKEGVLKGGKREEEKPF 20  
Db 78 LCTKEGVLKGGKREEEKPF 97

RESULT 11  
US-11-284-465-8  
Sequence 8, Application US/11284465  
Publication No. US20060074230A1  
GENERAL INFORMATION:  
APPLICANT: KOH, Gou Young  
TITLE OF INVENTION: CHIMERIC COILED COIL MOLECULES  
FILE REFERENCE: 10010-00001  
CURRENT APPLICATION NUMBER: US/11/284,465  
CURRENT FILING DATE: 2005-11-21  
PRIOR APPLICATION NUMBER: US/10/273,180  
PRIOR FILING DATE: 2002-10-18  
NUMBER OF SEQ ID NOS: 30  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 8  
LENGTH: 312  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-11-284-465-8

Query Match 100.0%; Score 106; DB 6; Length 312;  
Best Local Similarity 100.0%; Pred. No. 3.4e-08;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LCTKEGVLKGGKREEEKPF 20  
Db 78 LCTKEGVLKGGKREEEKPF 97

RESULT 12  
US-10-367-259A-36  
Sequence 36, Application US/10367259A  
Publication No. US20030220250A1  
GENERAL INFORMATION:  
APPLICANT: ELLIS, LEE M.  
TITLE OF INVENTION: ANGIOPOIETIN-1 IN THE TREATMENT OF DISEASE  
FILE REFERENCE: UTSC:698US  
CURRENT APPLICATION NUMBER: US/10/367,259A  
CURRENT FILING DATE: 2003-02-14  
PRIOR APPLICATION NUMBER: 60/356,809  
PRIOR FILING DATE: 2002-02-14  
NUMBER OF SEQ ID NOS: 56  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 36  
LENGTH: 402  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-367-259A-36

Query Match 100.0%; Score 106; DB 4; Length 402;  
Best Local Similarity 100.0%; Pred. No. 4.4e-08;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LCTKEGVLKGGKREEEKPF 20  
Db 264 LCTKEGVLKGGKREEEKPF 283

RESULT 13  
US-11-019-829-115  
Sequence 115, Application US/11019829  
Publication No. US20050136465A1  
GENERAL INFORMATION:  
APPLICANT: Hoffmann-La Roche Inc.  
TITLE OF INVENTION: Novel targets for obesity from subcutaneous fat  
FILE REFERENCE: 22304  
CURRENT APPLICATION NUMBER: US/11/019,829  
CURRENT FILING DATE: 2004-12-22  
NUMBER OF SEQ ID NOS: 146  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 115  
LENGTH: 402  
TYPE: PRT  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: angiopoietin 1 variant 2  
LOCATION: (1)-(402)  
OTHER INFORMATION: LOCUSID: 284; NM\_139290  
US-11-019-829-115

Query Match 100.0%; Score 106; DB 6; Length 402;  
Best Local Similarity 100.0%; Pred. No. 4.4e-08;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LCTKEGVLKGGKREEEKPF 20  
Db 264 LCTKEGVLKGGKREEEKPF 283

RESULT 14  
US-10-789-222-7  
Sequence 7, Application US/10789222  
Publication No. US20040186054A1  
GENERAL INFORMATION:  
APPLICANT: Yu, Qin  
TITLE OF INVENTION: Angiopoietin and Fragments, Mutants, and Analogs Thereof and Uses  
FILE REFERENCE: UPN0003-100 (P3115)  
CURRENT APPLICATION NUMBER: US/10/789,222  
CURRENT FILING DATE: 2004-02-27  
PRIOR APPLICATION NUMBER: US 60/450,582  
PRIOR FILING DATE: 2003-02-27  
NUMBER OF SEQ ID NOS: 36  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 7  
LENGTH: 456  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-789-222-7

Query Match 100.0%; Score 106; DB 4; Length 456;  
Best Local Similarity 100.0%; Pred. No. 5.1e-08;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LCTKEGVLKGGKREEEKPF 20  
Db 222 LCTKEGVLKGGKREEEKPF 241

RESULT 15  
US-10-789-222-8  
Sequence 8, Application US/10789222  
Publication No. US20040186054A1  
GENERAL INFORMATION:  
APPLICANT: Yu, Qin  
TITLE OF INVENTION: Angiopoietin and Fragments, Mutants, and Analogs Thereof and Uses



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; FEATURE:
; OTHER INFORMATION: 2N1C1F (chimera 4)
US-10-225-060-26

Query Match      100.0%; Score 106; DB 4; Length 495;
Best Local Similarity 100.0%; Pred. No. 5.6e-08;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LCTKEGVLLKGGKREKPPF 20
   |||||
Db 261 LCTKEGVLLKGGKREKPPF 280

RESULT 20
US-10-928-911-26
; Sequence 26, Application US/10928911
; Publication No. US20050106099A1
; GENERAL INFORMATION:
; APPLICANT: Davis, Samuel
; TITLE OF INVENTION: Expressed Ligand - Vascular
; FILE REFERENCE: REG 333X
; CURRENT APPLICATION NUMBER: US/10/928,911
; CURRENT FILING DATE: 2004-08-27
; PRIOR APPLICATION NUMBER: 10/225,060
; PRIOR FILING DATE: 2002-08-21
; PRIOR APPLICATION NUMBER: 09/709,188
; PRIOR FILING DATE: 2000-11-09
; PRIOR APPLICATION NUMBER: 08/740,223
; PRIOR FILING DATE: 1996-10-25
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 26
; LENGTH: 495
; TYPE: PRT
; ORGANISM: Homo sapien
US-10-928-911-26

Query Match      100.0%; Score 106; DB 5; Length 495;
Best Local Similarity 100.0%; Pred. No. 5.6e-08;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LCTKEGVLLKGGKREKPPF 20
   |||||
Db 261 LCTKEGVLLKGGKREKPPF 280

RESULT 21
US-11-073-120-26
; Sequence 26, Application US/11073120
; Publication No. US20050186665A1
; GENERAL INFORMATION:
; APPLICANT: Davis, Samuel
; TITLE OF INVENTION: Expressed Ligand - Vascular
; FILE REFERENCE: REG 333X
; CURRENT APPLICATION NUMBER: US/11/073,120
; CURRENT FILING DATE: 2005-03-04
; PRIOR APPLICATION NUMBER: 10/225,060
; PRIOR FILING DATE: 2002-08-21
; PRIOR APPLICATION NUMBER: 09/709,188
; PRIOR FILING DATE: 2000-11-09
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 26
; LENGTH: 495
; TYPE: PRT
; ORGANISM: Homo sapien
US-11-073-120-26

Query Match      100.0%; Score 106; DB 6; Length 495;
Best Local Similarity 100.0%; Pred. No. 5.6e-08;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LCTKEGVLLKGGKREKPPF 20
   |||||
Db 261 LCTKEGVLLKGGKREKPPF 280

RESULT 22
US-10-225-060-14
; Sequence 14, Application US/10225060
; Publication No. US20030092891A1
; GENERAL INFORMATION:
; APPLICANT: Davis et al.
; TITLE OF INVENTION: Expressed Ligand - Vascular Intercellular Signaling
; FILE REFERENCE: REG 333-Z
; CURRENT APPLICATION NUMBER: US/10/225,060
; CURRENT FILING DATE: 2002-08-21
; PRIOR APPLICATION NUMBER: US/09/709,188
; PRIOR FILING DATE: 2000-11-09
; PRIOR APPLICATION NUMBER: 08/740,223
; PRIOR FILING DATE: 1996-10-25
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
; LENGTH: 497
; TYPE: PRT
; ORGANISM: Mus sp.
US-10-225-060-14

Query Match      100.0%; Score 106; DB 4; Length 497;
Best Local Similarity 100.0%; Pred. No. 5.6e-08;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LCTKEGVLLKGGKREKPPF 20
   |||||
Db 263 LCTKEGVLLKGGKREKPPF 282

RESULT 23
US-10-928-911-14
; Sequence 14, Application US/10928911
; Publication No. US20050106099A1
; GENERAL INFORMATION:
; APPLICANT: Davis, Samuel
; APPLICANT: Yancopoulos, George D.
; TITLE OF INVENTION: Expressed Ligand - Vascular
; FILE REFERENCE: REG 333X
; CURRENT APPLICATION NUMBER: US/10/928,911
; CURRENT FILING DATE: 2004-08-27
; PRIOR APPLICATION NUMBER: 10/225,060
; PRIOR FILING DATE: 2002-08-21
; PRIOR APPLICATION NUMBER: 09/709,188
; PRIOR FILING DATE: 2000-11-09
; PRIOR APPLICATION NUMBER: 08/740,223
; PRIOR FILING DATE: 1996-10-25
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14
; LENGTH: 497
; TYPE: PRT
; ORGANISM: Homo sapien
US-10-928-911-14

Query Match      100.0%; Score 106; DB 5; Length 497;
Best Local Similarity 100.0%; Pred. No. 5.6e-08;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LCTKEGVLLKGGKREKPPF 20
   |||||
Db 263 LCTKEGVLLKGGKREKPPF 282
```

RESULT 24  
US-11-073-120-14  
; Sequence 14, Application US/11073120  
; Publication No. US2005018665A1  
; GENERAL INFORMATION:  
; APPLICANT: Davis, Samuel  
; APPLICANT: Yancopoulos, George D.  
; TITLE OF INVENTION: Expressed Ligand - Vascular  
; TITLE OF INVENTION: Intercellular Signaling Molecule  
; FILE REFERENCE: REG 333X  
; CURRENT APPLICATION NUMBER: US/11/073,120  
; CURRENT FILING DATE: 2005-03-04  
; PRIOR APPLICATION NUMBER: 10/225,060  
; PRIOR FILING DATE: 2002-08-21  
; PRIOR APPLICATION NUMBER: 09/709,188  
; PRIOR FILING DATE: 2000-11-09  
; NUMBER OF SEQ ID NOS: 30  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 14  
; LENGTH: 497  
; TYPE: PRT  
; ORGANISM: Homo sapien  
US-11-073-120-14

Query Match 100.0%; Score 106; DB 6; Length 497;  
Best Local Similarity 100.0%; Pred. No. 5.6e-08;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
Qy 1 LCTKEGVLKGGKREEKPF 20  
| | | | | | | | | | | | | | | | | | | | | |  
Db 263 LCTKEGVLKGGKREEKPF 282

RESULT 25  
US-09-998-831-2  
; Sequence 2, Application US/09998831  
; Patent No. US20020119153A1  
; GENERAL INFORMATION:  
; APPLICANT: Philip E. Thorpe  
; APPLICANT: Rolf A. Brekken  
; TITLE OF INVENTION: ANTIBODY CONJUGATE COMPOSITIONS FOR SELECTIVELY  
; TITLE OF INVENTION: INHIBITING VEGF  
; FILE REFERENCE: 4001.002584  
; CURRENT APPLICATION NUMBER: US/09/998,831  
; CURRENT FILING DATE: 2001-11-30  
; PRIOR APPLICATION NUMBER: 09/561,108  
; PRIOR FILING DATE: 2000-04-28  
; NUMBER OF SEQ ID NOS: 44  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 2  
; LENGTH: 498  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-998-831-2

Query Match 100.0%; Score 106; DB 3; Length 498;  
Best Local Similarity 100.0%; Pred. No. 5.6e-08;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
Qy 1 LCTKEGVLKGGKREEKPF 20  
| | | | | | | | | | | | | | | | | | | | | |  
Db 264 LCTKEGVLKGGKREEKPF 283

RESULT 26  
US-09-897-306-13  
; Sequence 13, Application US/09897306  
; Patent No. US20020123054A1  
; GENERAL INFORMATION:  
; APPLICANT: Hillman, Jennifer L.  
; APPLICANT: Gorgone, Gina A.

; APPLICANT: Patterson, Chandra  
; APPLICANT: Murry, Lynn E.  
; TITLE OF INVENTION: HUMAN ANGIOPOIETIN  
; FILE REFERENCE: PC-0048 CIP  
; CURRENT APPLICATION NUMBER: US/09/897,306  
; CURRENT FILING DATE: 2001-07-02  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: PERL Program  
; SEQ ID NO 13  
; LENGTH: 498  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: misc\_feature  
; OTHER INFORMATION: Incyte ID No. US20020123054A1 g1907327  
US-09-897-306-13

Query Match 100.0%; Score 106; DB 3; Length 498;  
Best Local Similarity 100.0%; Pred. No. 5.6e-08;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
Qy 1 LCTKEGVLKGGKREEKPF 20  
| | | | | | | | | | | | | | | | | | | | | |  
Db 264 LCTKEGVLKGGKREEKPF 283

RESULT 27  
US-09-832-355A-15  
; Sequence 15, Application US/09832355A  
; Publication No. US20030027751A1  
; GENERAL INFORMATION:  
; APPLICANT: Kovesdi, Imre  
; APPLICANT: Kessler, Paul  
; TITLE OF INVENTION: VEGF FUSION PROTEINS  
; FILE REFERENCE: 205654  
; CURRENT APPLICATION NUMBER: US/09/832,355A  
; CURRENT FILING DATE: 2001-04-10  
; NUMBER OF SEQ ID NOS: 126  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 15  
; LENGTH: 498  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-832-355A-15

Query Match 100.0%; Score 106; DB 3; Length 498;  
Best Local Similarity 100.0%; Pred. No. 5.6e-08;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
Qy 1 LCTKEGVLKGGKREEKPF 20  
| | | | | | | | | | | | | | | | | | | | | |  
Db 264 LCTKEGVLKGGKREEKPF 283

RESULT 28  
US-09-998-833-2  
; Sequence 2, Application US/09998833  
; Publication No. US20030082187A1  
; GENERAL INFORMATION:  
; APPLICANT: RAN, PHILIP E.  
; APPLICANT: THORPE, PHILIP E.  
; TITLE OF INVENTION: CANCER TREATMENT METHODS USING ANTIBODIES TO  
; TITLE OF INVENTION: AMINOPHOSPHOLIPIDS  
; FILE REFERENCE: 4001.002200  
; CURRENT APPLICATION NUMBER: US/09/998,833  
; CURRENT FILING DATE: 2001-11-30  
; PRIOR APPLICATION NUMBER: US/09/351,543  
; PRIOR FILING DATE: 1999-07-12  
; NUMBER OF SEQ ID NOS: 5  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 2  
; LENGTH: 498  
; TYPE: PRT

```

; ORGANISM: Homo sapiens
US-09-998-833-2
Query Match      100.0%; Score 106; DB 3; Length 498;
Best Local Similarity 100.0%; Pred. No. 5.6e-08;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LCTKEGVLKGGKREKPF 20
DB 264 LCTKEGVLKGGKREKPF 283

RESULT 29
US-10-179-744-2
; Sequence 2, Application US/10179744
; Publication No. US20020173627A1
; GENERAL INFORMATION:
; APPLICANT: Davis, Samuel et al.
; TITLE OF INVENTION: TIE-2 LIGANDS, METHODS OF MAKING AND USES THEREOF
; FILE REFERENCE: REG 330-F-PCT-US
; CURRENT APPLICATION NUMBER: US/10/179,744
; CURRENT FILING DATE: 2002-06-24
; PRIOR APPLICATION NUMBER: US/08/817,318
; PRIOR FILING DATE: 1999-09-16
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 498
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Unknown Organism
US-10-179-744-2

Query Match      100.0%; Score 106; DB 4; Length 498;
Best Local Similarity 100.0%; Pred. No. 5.6e-08;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LCTKEGVLKGGKREKPF 20
DB 264 LCTKEGVLKGGKREKPF 283

RESULT 30
US-10-186-817-2
; Sequence 2, Application US/10186817
; Publication No. US20030040463A1
; GENERAL INFORMATION:
; APPLICANT: Davis, Samuel et al.
; TITLE OF INVENTION: Tie-2 Ligands, Methods of Making and Uses Thereof
; FILE REFERENCE: REG 330-G-PCT-US
; CURRENT APPLICATION NUMBER: US/10/186,817
; CURRENT FILING DATE: 2002-07-01
; PRIOR APPLICATION NUMBER: US/09/930,721
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: PCT/US96/04806
; PRIOR FILING DATE: 1996-04-05
; PRIOR APPLICATION NUMBER: PCT/US95/12935
; PRIOR FILING DATE: 1995-10-06
; PRIOR APPLICATION NUMBER: 08/418,595
; PRIOR FILING DATE: 1996-04-05
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 498
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-186-817-2

Query Match      100.0%; Score 106; DB 4; Length 498;
Best Local Similarity 100.0%; Pred. No. 5.6e-08;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LCTKEGVLKGGKREKPF 20
DB 264 LCTKEGVLKGGKREKPF 283

RESULT 31
US-10-215-224-5
; Sequence 5, Application US/10215224
; Publication No. US20030059887A1
; GENERAL INFORMATION:
; APPLICANT: Valenzuela et al.
; TITLE OF INVENTION: NOVEL LIGANDS, METHODS OF MAKING AND USES THEREOF
; FILE REFERENCE: REG330-K
; CURRENT APPLICATION NUMBER: US/10/215,224
; CURRENT FILING DATE: 2002-08-08
; PRIOR APPLICATION NUMBER: US/09/202,491
; PRIOR FILING DATE: 1998-11-16
; PRIOR APPLICATION NUMBER: PCT/US97/10728
; PRIOR FILING DATE: 1997-06-19
; PRIOR APPLICATION NUMBER: 60/022,999
; PRIOR FILING DATE: 1996-08-02
; PRIOR APPLICATION NUMBER: 60/021,087
; PRIOR FILING DATE: 1996-07-02
; PRIOR APPLICATION NUMBER: 08/665,926
; PRIOR FILING DATE: 1996-06-19
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 498
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-215-224-5

Query Match      100.0%; Score 106; DB 4; Length 498;
Best Local Similarity 100.0%; Pred. No. 5.6e-08;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LCTKEGVLKGGKREKPF 20
DB 264 LCTKEGVLKGGKREKPF 283

RESULT 32
US-10-215-224-6
; Sequence 6, Application US/10215224
; Publication No. US20030059887A1
; GENERAL INFORMATION:
; APPLICANT: Valenzuela et al.
; TITLE OF INVENTION: NOVEL LIGANDS, METHODS OF MAKING AND USES THEREOF
; FILE REFERENCE: REG330-K
; CURRENT APPLICATION NUMBER: US/10/215,224
; CURRENT FILING DATE: 2002-08-08
; PRIOR APPLICATION NUMBER: US/09/202,491
; PRIOR FILING DATE: 1998-11-16
; PRIOR APPLICATION NUMBER: PCT/US97/10728
; PRIOR FILING DATE: 1997-06-19
; PRIOR APPLICATION NUMBER: 60/022,999
; PRIOR FILING DATE: 1996-08-02
; PRIOR APPLICATION NUMBER: 60/021,087
; PRIOR FILING DATE: 1996-07-02
; PRIOR APPLICATION NUMBER: 08/665,926
; PRIOR FILING DATE: 1996-06-19
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 498
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-215-224-6

Query Match      100.0%; Score 106; DB 4; Length 498;
Best Local Similarity 100.0%; Pred. No. 5.6e-08;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 LCTKEGVLKGGKREKPF 20
DB 264 LCTKEGVLKGGKREKPF 283

RESULT 31
US-10-215-224-5
; Sequence 5, Application US/10215224
; Publication No. US20030059887A1
; GENERAL INFORMATION:
; APPLICANT: Valenzuela et al.
; TITLE OF INVENTION: NOVEL LIGANDS, METHODS OF MAKING AND USES THEREOF
; FILE REFERENCE: REG330-K
; CURRENT APPLICATION NUMBER: US/10/215,224
; CURRENT FILING DATE: 2002-08-08
; PRIOR APPLICATION NUMBER: US/09/202,491
; PRIOR FILING DATE: 1998-11-16
; PRIOR APPLICATION NUMBER: PCT/US97/10728
; PRIOR FILING DATE: 1997-06-19
; PRIOR APPLICATION NUMBER: 60/022,999
; PRIOR FILING DATE: 1996-08-02
; PRIOR APPLICATION NUMBER: 60/021,087
; PRIOR FILING DATE: 1996-07-02
; PRIOR APPLICATION NUMBER: 08/665,926
; PRIOR FILING DATE: 1996-06-19
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 498
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-215-224-5

Query Match      100.0%; Score 106; DB 4; Length 498;
Best Local Similarity 100.0%; Pred. No. 5.6e-08;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LCTKEGVLKGGKREKPF 20
DB 264 LCTKEGVLKGGKREKPF 283

RESULT 32
US-10-215-224-6
; Sequence 6, Application US/10215224
; Publication No. US20030059887A1
; GENERAL INFORMATION:
; APPLICANT: Valenzuela et al.
; TITLE OF INVENTION: NOVEL LIGANDS, METHODS OF MAKING AND USES THEREOF
; FILE REFERENCE: REG330-K
; CURRENT APPLICATION NUMBER: US/10/215,224
; CURRENT FILING DATE: 2002-08-08
; PRIOR APPLICATION NUMBER: US/09/202,491
; PRIOR FILING DATE: 1998-11-16
; PRIOR APPLICATION NUMBER: PCT/US97/10728
; PRIOR FILING DATE: 1997-06-19
; PRIOR APPLICATION NUMBER: 60/022,999
; PRIOR FILING DATE: 1996-08-02
; PRIOR APPLICATION NUMBER: 60/021,087
; PRIOR FILING DATE: 1996-07-02
; PRIOR APPLICATION NUMBER: 08/665,926
; PRIOR FILING DATE: 1996-06-19
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 498
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-215-224-6

Query Match      100.0%; Score 106; DB 4; Length 498;
Best Local Similarity 100.0%; Pred. No. 5.6e-08;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 1 LCTKEGVLLKGGKREEKPF 20  
|||  
Db 264 LCTKEGVLLKGGKREEKPF 283



RESULT 37  
US-10-321-332-2  
; Sequence 2, Application US/10321332  
; Publication No. US20030109677A1  
; GENERAL INFORMATION:  
; APPLICANT: Davis, et al.  
; TITLE OF INVENTION: TIE-2 LIGAND, METHOD OF MAKING AND USES THEREOF  
; NUMBER OF SEQUENCES: 6  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Regeneron Pharmaceuticals, Inc.  
; STREET: 777 Old Saw Mill River Road  
; CITY: Tarrytown  
; STATE: New York  
; COUNTRY: USA  
; ZIP: 10591  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/321,332  
; FILING DATE: 17-Dec-2002  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/373,579  
; FILING DATE: 17-JAN-1995  
; APPLICATION NUMBER: US 08/353,503  
; FILING DATE: 09-DEC-1994  
; APPLICATION NUMBER: US 08/348,492  
; FILING DATE: 02-DEC-1994  
; APPLICATION NUMBER: US 08/330,261  
; FILING DATE: 27-OCT-1994  
; APPLICATION NUMBER: US 08/319,932  
; FILING DATE: 07-OCT-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Cobert, Robert J.  
; REGISTRATION NUMBER: REG 330-D  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (914) 345-7400  
; TELEFAX: (914) 345-7721  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 498 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
US-10-321-332-2  
Query Match 100.0%; Score 106; DB 4; Length 498;  
Best Local Similarity 100.0%; Pred. No. 5.6e-08;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 LCTKEGVLLKGGKREEEKPF 20  
Db 264 LCTKEGVLLKGGKREEEKPF 283  
RESULT 38  
US-10-136-819-12  
; Sequence 12, Application US/10136819  
; Publication No. US20030166593A1  
; GENERAL INFORMATION:  
; APPLICANT: Chien, Kenneth  
; APPLICANT: Hoshijima, Masahiko  
; TITLE OF INVENTION: NO. US20030166593A1-viral vesicle vector for cardiac specific gene  
; FILE REFERENCE: 6627-Pat1198  
; CURRENT APPLICATION NUMBER: US/10/136,819  
; CURRENT FILING DATE: 2002-04-30

; PRIOR APPLICATION NUMBER: 60/287,423  
; PRIOR FILING DATE: 2001-04-30  
; NUMBER OF SEQ ID NOS: 18  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 12  
; LENGTH: 498  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-136-819-12  
Query Match 100.0%; Score 106; DB 4; Length 498;  
Best Local Similarity 100.0%; Pred. No. 5.6e-08;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 LCTKEGVLLKGGKREEEKPF 20  
Db 264 LCTKEGVLLKGGKREEEKPF 283  
RESULT 39  
US-10-179-615-2  
; Sequence 2, Application US/10179615  
; Publication No. US20030166857A1  
; GENERAL INFORMATION:  
; APPLICANT: Davis, Samuel et al.  
; TITLE OF INVENTION: TIE-2 LIGANDS, METHODS OF MAKING AND USES THEREOF  
; FILE REFERENCE: REG 330-P-PCT-US  
; CURRENT APPLICATION NUMBER: US/10/179,615  
; CURRENT FILING DATE: 2002-06-24  
; PRIOR APPLICATION NUMBER: US/08/817,318  
; PRIOR FILING DATE: 1999-09-16  
; NUMBER OF SEQ ID NOS: 6  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 2  
; LENGTH: 498  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Unknown Organism  
US-10-179-615-2  
Query Match 100.0%; Score 106; DB 4; Length 498;  
Best Local Similarity 100.0%; Pred. No. 5.6e-08;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 LCTKEGVLLKGGKREEEKPF 20  
Db 264 LCTKEGVLLKGGKREEEKPF 283  
RESULT 40  
US-10-179-820-2  
; Sequence 2, Application US/10179820  
; Publication No. US20030166858A1  
; GENERAL INFORMATION:  
; APPLICANT: Davis, Samuel et al.  
; TITLE OF INVENTION: TIE-2 LIGANDS, METHODS OF MAKING AND USES THEREOF  
; FILE REFERENCE: REG 330-P-PCT-US  
; CURRENT APPLICATION NUMBER: US/10/179,820  
; CURRENT FILING DATE: 2002-06-24  
; PRIOR APPLICATION NUMBER: US/08/817,318  
; PRIOR FILING DATE: 1999-09-16  
; NUMBER OF SEQ ID NOS: 6  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 2  
; LENGTH: 498  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Unknown Organism  
US-10-179-820-2  
Query Match 100.0%; Score 106; DB 4; Length 498;

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Best Local Similarity 100.0%; Pred. No. 5.6e-08; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

Qy 1 LCTKEGVLLKGGKREEEKPF 20
Db 264 LCTKEGVLLKGGKREEEKPF 283

RESULT 41
US-10-373-561-2
; Sequence 2, Application US/10373561
; Publication No. US20030175276A1
; GENERAL INFORMATION:
; APPLICANT: Philip E. Thorpe
; TITLE OF INVENTION: ANTIBODY METHODS FOR SELECTIVELY INHIBITING VEGF
; FILE REFERENCE: 4001.002582
; CURRENT APPLICATION NUMBER: US/10/373,561
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US/09/561,499
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: 60/131,432
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 498
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-373-561-2

Query Match 100.0%; Score 106; DB 4; Length 498;
Best Local Similarity 100.0%; Pred. No. 5.6e-08;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LCTKEGVLLKGGKREEEKPF 20
Db 264 LCTKEGVLLKGGKREEEKPF 283

RESULT 42
US-10-367-259A-13
; Sequence 13, Application US/10367259A
; Publication No. US20030220250A1
; GENERAL INFORMATION:
; APPLICANT: ELLIS, LEE M.
; TITLE OF INVENTION: ANGIOPOIETIN-1 IN THE TREATMENT OF DISEASE
; FILE REFERENCE: UTSC:698US
; CURRENT APPLICATION NUMBER: US/10/367,259A
; CURRENT FILING DATE: 2003-02-14
; PRIOR APPLICATION NUMBER: 60/356,809
; PRIOR FILING DATE: 2002-02-14
; NUMBER OF SEQ ID NOS: 56
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 13
; LENGTH: 498
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-367-259A-13

Query Match 100.0%; Score 106; DB 4; Length 498;
Best Local Similarity 100.0%; Pred. No. 5.6e-08;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LCTKEGVLLKGGKREEEKPF 20
Db 264 LCTKEGVLLKGGKREEEKPF 283

RESULT 43
US-10-367-259A-14
; Sequence 14, Application US/10367259A
; Publication No. US20030220250A1
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; GENERAL INFORMATION:
; APPLICANT: ELLIS, LEE M.
; TITLE OF INVENTION: ANGIOPOIETIN-1 IN THE TREATMENT OF DISEASE
; FILE REFERENCE: UTSC:698US
; CURRENT APPLICATION NUMBER: US/10/367,259A
; CURRENT FILING DATE: 2003-02-14
; PRIOR APPLICATION NUMBER: 60/356,809
; PRIOR FILING DATE: 2002-02-14
; NUMBER OF SEQ ID NOS: 56
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 498
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-367-259A-14

Query Match 100.0%; Score 106; DB 4; Length 498;
Best Local Similarity 100.0%; Pred. No. 5.6e-08;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LCTKEGVLLKGGKREEEKPF 20
Db 264 LCTKEGVLLKGGKREEEKPF 283

RESULT 44
US-10-367-259A-24
; Sequence 24, Application US/10367259A
; Publication No. US20030220250A1
; GENERAL INFORMATION:
; APPLICANT: ELLIS, LEE M.
; TITLE OF INVENTION: ANGIOPOIETIN-1 IN THE TREATMENT OF DISEASE
; FILE REFERENCE: UTSC:698US
; CURRENT APPLICATION NUMBER: US/10/367,259A
; CURRENT FILING DATE: 2003-02-14
; PRIOR APPLICATION NUMBER: 60/356,809
; PRIOR FILING DATE: 2002-02-14
; NUMBER OF SEQ ID NOS: 56
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 498
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-367-259A-24

Query Match 100.0%; Score 106; DB 4; Length 498;
Best Local Similarity 100.0%; Pred. No. 5.6e-08;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LCTKEGVLLKGGKREEEKPF 20
Db 264 LCTKEGVLLKGGKREEEKPF 283

RESULT 45
US-10-367-259A-26
; Sequence 26, Application US/10367259A
; Publication No. US20030220250A1
; GENERAL INFORMATION:
; APPLICANT: ELLIS, LEE M.
; TITLE OF INVENTION: ANGIOPOIETIN-1 IN THE TREATMENT OF DISEASE
; FILE REFERENCE: UTSC:698US
; CURRENT APPLICATION NUMBER: US/10/367,259A
; CURRENT FILING DATE: 2003-02-14
; PRIOR APPLICATION NUMBER: 60/356,809
; PRIOR FILING DATE: 2002-02-14
; NUMBER OF SEQ ID NOS: 56
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 26
; LENGTH: 498
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-367-259A-26
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Query Match      100.0%; Score 106; DB 4; Length 498;
Best Local Similarity 100.0%; Pred. No. 5.6e-08;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 LCTKEGVLLKGGKREEEKPF 20
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Db      264 LCTKEGVLLKGGKREEEKPF 283

RESULT 46
US-10-367-259A-28
; Sequence 28, Application US/10367259A
; Publication No. US20030220250A1
; GENERAL INFORMATION:
; APPLICANT: ELLIS, LEE M.
; TITLE OF INVENTION: ANGIOPOIETIN-1 IN THE TREATMENT OF DISEASE
; FILE REFERENCE: UTSC:698US
; CURRENT APPLICATION NUMBER: US/10/367,259A
; CURRENT FILING DATE: 2003-02-14
; PRIOR APPLICATION NUMBER: 60/356,809
; PRIOR FILING DATE: 2002-02-14
; NUMBER OF SEQ ID NOS: 56
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 28
; LENGTH: 498
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-367-259A-28

Query Match      100.0%; Score 106; DB 4; Length 498;
Best Local Similarity 100.0%; Pred. No. 5.6e-08;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 LCTKEGVLLKGGKREEEKPF 20
      |||||
Db      264 LCTKEGVLLKGGKREEEKPF 283

RESULT 47
US-10-367-259A-40
; Sequence 40, Application US/10367259A
; Publication No. US20030220250A1
; GENERAL INFORMATION:
; APPLICANT: ELLIS, LEE M.
; TITLE OF INVENTION: ANGIOPOIETIN-1 IN THE TREATMENT OF DISEASE
; FILE REFERENCE: UTSC:698US
; CURRENT APPLICATION NUMBER: US/10/367,259A
; CURRENT FILING DATE: 2003-02-14
; PRIOR APPLICATION NUMBER: 60/356,809
; PRIOR FILING DATE: 2002-02-14
; NUMBER OF SEQ ID NOS: 56
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 40
; LENGTH: 498
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-367-259A-40

Query Match      100.0%; Score 106; DB 4; Length 498;
Best Local Similarity 100.0%; Pred. No. 5.6e-08;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 LCTKEGVLLKGGKREEEKPF 20
      |||||
Db      264 LCTKEGVLLKGGKREEEKPF 283

RESULT 48
US-10-789-222-13
; Sequence 13, Application US/10789222
; Publication No. US20040186054A1
; GENERAL INFORMATION:
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; APPLICANT: Yu, Qin
; TITLE OF INVENTION: Angiopoietin and Fragments, Mutants, and Analogs Thereof and Uses
; FILE REFERENCE: UPN0003-100 (P3115)
; CURRENT APPLICATION NUMBER: US/10/789,222
; CURRENT FILING DATE: 2004-02-27
; PRIOR APPLICATION NUMBER: US 60/450,582
; PRIOR FILING DATE: 2003-02-27
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13
; LENGTH: 498
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-789-222-13

Query Match      100.0%; Score 106; DB 4; Length 498;
Best Local Similarity 100.0%; Pred. No. 5.6e-08;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 LCTKEGVLLKGGKREEEKPF 20
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Db      264 LCTKEGVLLKGGKREEEKPF 283

RESULT 49
US-10-789-222-14
; Sequence 14, Application US/10789222
; Publication No. US20040186054A1
; GENERAL INFORMATION:
; APPLICANT: Yu, Qin
; TITLE OF INVENTION: Angiopoietin and Fragments, Mutants, and Analogs Thereof and Uses
; FILE REFERENCE: UPN0003-100 (P3115)
; CURRENT APPLICATION NUMBER: US/10/789,222
; CURRENT FILING DATE: 2004-02-27
; PRIOR APPLICATION NUMBER: US 60/450,582
; PRIOR FILING DATE: 2003-02-27
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14
; LENGTH: 498
; TYPE: PRT
; ORGANISM: mouse
US-10-789-222-14

Query Match      100.0%; Score 106; DB 4; Length 498;
Best Local Similarity 100.0%; Pred. No. 5.6e-08;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 LCTKEGVLLKGGKREEEKPF 20
      |||||
Db      264 LCTKEGVLLKGGKREEEKPF 283

RESULT 50
US-10-723-860-2597
; Sequence 2597, Application US/10723860
; Publication No. US20040253606A1
; GENERAL INFORMATION:
; APPLICANT: Aziz, Natasha
; APPLICANT: Ginsburg, Wendy M.
; APPLICANT: Zlotnik, Albert
; TITLE OF INVENTION: Methods for Diagnosis of Soft Tissue Sarcoma, Compositions &
; FILE REFERENCE: 05882.0193.NPUS01
; CURRENT APPLICATION NUMBER: US/10/723,860
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: 60/429,739
; PRIOR FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 8393
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2597
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; LENGTH: 498
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-723-860-2597

Query Match      100.0%; Score 106; DB 5; Length 498;
Best Local Similarity 100.0%; Pred. No. 5.6e-08;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LCTKEGVLLKGGKREEEKPF 20
      |||||
Db      264 LCTKEGVLLKGGKREEEKPF 283
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Search completed: July 12, 2007, 02:02:17  
Job time : 87 secs

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OM protein - protein search, using sw model

Run on: July 12, 2007, 02:01:18 ; Search time 53 Seconds  
(without alignments)  
130.004 Million cell updates/sec

Title: US-10-789-222A-2

Perfect score: 106

Sequence: 1 LCTKGVLLKGRKEEKP 20

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Total number of hits satisfying chosen parameters: 1414855

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Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 1000 summaries

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- 1: /EMC\_Celerra\_SID33/prodata/2/pubppa/US08\_NEW\_PUB.pep.\*
- 2: /EMC\_Celerra\_SID33/prodata/2/pubppa/US06\_NEW\_PUB.pep.\*
- 3: /EMC\_Celerra\_SID33/prodata/2/pubppa/US07\_NEW\_PUB.pep.\*
- 4: /EMC\_Celerra\_SID33/prodata/2/pubppa/PCT\_NEW\_PUB.pep.\*
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- 6: /EMC\_Celerra\_SID33/prodata/2/pubppa/US10\_NEW\_PUB.pep.\*
- 7: /EMC\_Celerra\_SID33/prodata/2/pubppa/US11\_NEW\_PUB.pep.\*
- 8: /EMC\_Celerra\_SID33/prodata/2/pubppa/US60\_NEW\_PUB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

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1	106	100.0	402	7 US-11-371-354-69423	Sequence 69423, A
2	106	100.0	402	7 US-11-582-861-8722	Sequence 8722, A
3	106	100.0	404	7 US-11-043-591-138	Sequence 138, App
4	106	100.0	464	7 US-11-043-591-137	Sequence 137, App
5	106	100.0	498	7 US-11-329-293-2	Sequence 2, Appli
6	106	100.0	498	7 US-11-311-939-5	Sequence 5, Appli
7	106	100.0	498	7 US-11-582-861-8723	Sequence 8723, App
8	106	100.0	498	7 US-11-519-954-3	Sequence 3, Appli
9	96	90.6	495	7 US-11-329-293-5	Sequence 5, Appli
10	89.5	84.4	147	7 US-11-371-354-63843	Sequence 63843, A
11	89.5	84.4	497	7 US-11-311-939-2	Sequence 2, Appli
12	51	48.1	2623	6 US-10-374-780A-1433	Sequence 1433, App
13	51	48.1	2623	6 US-10-412-699B-1519	Sequence 1519, App
14	49	46.2	453	7 US-11-366-965-679	Sequence 679, App
15	49	46.2	719	6 US-10-434-665-5427	Sequence 5427, App
16	47	44.3	203	7 US-11-443-428A-963451	Sequence 963451, A
17	46.5	43.9	591	6 US-10-533-520-833	Sequence 833, App
18	46.5	43.9	591	6 US-10-990-328-12166	Sequence 12166, A
19	46.5	43.9	591	6 US-10-567-867-460	Sequence 460, App
20	46.5	43.9	591	7 US-11-289-102-239	Sequence 239, App
21	46	43.4	63	7 US-11-443-428A-951014	Sequence 951014, A
22	46	43.4	151	6 US-10-703-032-165482	Sequence 165482, A
23	46	43.4	228	6 US-10-953-349-31785	Sequence 31785, A
24	46	43.4	228	7 US-11-056-355B-55870	Sequence 55870, A
25	46	43.4	228	7 US-11-056-355B-62345	Sequence 62345, A

26	46	43.4	228	7 US-11-241-607-32705	Sequence 32705, A
27	46	43.4	228	7 US-11-241-607-34729	Sequence 34729, A
28	46	43.4	228	7 US-11-241-607-63177	Sequence 63177, A
29	46	43.4	228	7 US-11-241-607-64377	Sequence 64377, A
30	46	43.4	303	7 US-11-443-428A-965832	Sequence 965832, A
31	46	43.4	352	6 US-10-917-503-11210	Sequence 11210, A
32	46	43.4	495	7 US-11-443-428A-784416	Sequence 784416, A
33	46	43.4	601	7 US-11-090-997-1876	Sequence 1876, App
34	46	43.4	873	7 US-11-090-997-1882	Sequence 1882, App
35	46	43.4	876	7 US-11-090-997-1880	Sequence 1880, App
36	46	43.4	902	7 US-11-090-997-1878	Sequence 1878, App
37	46	43.4	917	7 US-11-090-997-1872	Sequence 1872, App
38	46	43.4	923	7 US-11-600-479-6	Sequence 6, Appli
39	46	43.4	934	7 US-11-090-997-1874	Sequence 1874, App
40	46	43.4	1044	7 US-11-443-428A-784415	Sequence 784415, A
41	46	43.4	1044	7 US-11-598-148-242	Sequence 242, App
42	46	43.4	1075	7 US-11-443-428A-784413	Sequence 784413, A
43	45	42.5	107	7 US-11-520-715-37008	Sequence 37008, A
44	45	42.5	168	7 US-11-614-840-22	Sequence 22, Appli
45	45	42.5	191	7 US-11-443-428A-926139	Sequence 926139, A
46	45	42.5	262	6 US-10-703-032-130072	Sequence 130072, A
47	45	42.5	360	6 US-10-953-349-38192	Sequence 38192, A
48	45	42.5	451	6 US-10-953-349-38191	Sequence 38191, A
49	45	42.5	457	7 US-11-520-715-51681	Sequence 51681, A
50	45	42.5	458	7 US-11-520-715-46783	Sequence 46783, A
51	45	42.5	482	7 US-11-330-403-3050	Sequence 3050, App
52	45	42.5	482	7 US-11-431-855-27017	Sequence 27017, A
53	45	42.5	522	7 US-11-516-230-14916	Sequence 14916, A
54	45	42.5	522	7 US-11-516-230-24622	Sequence 24622, A
55	45	42.5	522	7 US-11-516-230-40831	Sequence 40831, A
56	45	42.5	522	7 US-11-516-230-56692	Sequence 56692, A
57	45	42.5	522	7 US-11-516-230-64720	Sequence 64720, A
58	45	42.5	522	7 US-11-516-230-65107	Sequence 65107, A
59	45	42.5	545	7 US-11-516-230-14878	Sequence 14878, A
60	45	42.5	545	7 US-11-516-230-24584	Sequence 24584, A
61	45	42.5	545	7 US-11-516-230-40793	Sequence 40793, A
62	45	42.5	545	7 US-11-516-230-56654	Sequence 56654, A
63	45	42.5	545	7 US-11-516-230-64682	Sequence 64682, A
64	45	42.5	545	7 US-11-516-230-65069	Sequence 65069, A
65	45	42.5	551	7 US-11-443-428A-868962	Sequence 868962, A
66	45	42.5	564	7 US-11-443-428A-868964	Sequence 868964, A
67	45	42.5	609	7 US-11-090-997-1904	Sequence 1904, App
68	45	42.5	609	7 US-11-443-428A-868961	Sequence 868961, A
69	45	42.5	632	7 US-11-582-861-5603	Sequence 5603, App
70	45	42.5	632	7 US-11-443-428A-868963	Sequence 868963, A
71	45	42.5	644	6 US-10-508-580-16	Sequence 16, Appli
72	45	42.5	644	6 US-10-405-027-4382	Sequence 4382, App
73	45	42.5	644	7 US-11-443-428A-868951	Sequence 868951, A
74	45	42.5	668	7 US-11-443-428A-868953	Sequence 868953, A
75	45	42.5	686	7 US-11-443-428A-868952	Sequence 868952, A
76	45	42.5	698	6 US-10-405-027-3107	Sequence 3107, App
77	45	42.5	704	7 US-11-443-428A-868959	Sequence 868959, A
78	45	42.5	871	7 US-11-043-591-131	Sequence 131, App
79	45	42.5	871	7 US-11-443-428A-868950	Sequence 868950, A
80	45	42.5	923	6 US-10-533-519-1576	Sequence 1576, App
81	45	42.5	923	6 US-10-533-519-1684	Sequence 1684, App
82	45	42.5	923	7 US-11-090-997-1902	Sequence 1902, App
83	45	42.5	923	7 US-11-488-364-2	Sequence 2, Appli
84	45	42.5	923	7 US-11-443-428A-868958	Sequence 868958, A
85	45	42.5	923	7 US-11-600-479-2	Sequence 2, Appli
86	45	42.5	923	7 US-11-582-861-5602	Sequence 5602, App
87	44.5	42.0	217	7 US-11-443-428A-975101	Sequence 975101, A
88	44.5	42.0	249	7 US-11-056-355B-18331	Sequence 18331, A
89	44.5	42.0	255	7 US-11-520-715-55860	Sequence 55860, A
90	44.5	42.0	260	7 US-11-056-355B-18330	Sequence 18330, A
91	44.5	42.0	352	7 US-11-443-428A-890290	Sequence 890290, A
92	44.5	42.0	354	6 US-10-612-783-4753	Sequence 4753, App
93	44.5	42.0	354	7 US-11-056-355B-18329	Sequence 18329, A
94	44.5	42.0	354	7 US-11-241-607-58347	Sequence 58347, A
95	44.5	42.0	354	7 US-11-431-855-7176	Sequence 7176, App
96	44.5	42.0	354	7 US-11-431-855-7339	Sequence 7339, App
97	44.5	42.0	354	7 US-11-431-855-8200	Sequence 8200, App
98	44.5	42.0	354	7 US-11-431-855-9202	Sequence 9202, App

99	44.5	42.0	355	7	US-11-431-855-7513	Sequence 7513, Ap	172	43	40.6	1856	7	US-11-582-861-7971	Sequence 7971, Ap
100	44.5	42.0	366	7	US-11-431-855-8199	Sequence 8199, Ap	173	43	40.6	1855	7	US-11-443-428A-856833	Sequence 856833, Ap
101	44	41.5	88	7	US-11-520-715-61664	Sequence 61664, A	174	43	40.6	2000	6	US-10-533-520-811	Sequence 811, App
102	44	41.5	198	7	US-11-443-428A-1029240	Sequence 1029240, A	175	43	40.6	2009	7	US-11-443-428A-856858	Sequence 856858, Ap
103	44	41.5	199	6	US-10-934-893-3344	Sequence 3344, Ap	176	43	40.6	2195	7	US-11-443-428A-856854	Sequence 856854, Ap
104	44	41.5	216	7	US-11-443-428A-1029230	Sequence 1029230, A	177	43	40.6	2214	6	US-10-533-520-813	Sequence 813, App
105	44	41.5	273	7	US-11-443-428A-1029236	Sequence 1029236, A	178	43	40.6	2214	6	US-10-567-867-2173	Sequence 2173, Ap
106	44	41.5	275	6	US-10-526-979A-80	Sequence 80, Appl	179	43	40.6	2214	7	US-11-443-428A-856832	Sequence 856832, Ap
107	44	41.5	275	6	US-10-917-503-10724	Sequence 10724, A	180	43	40.6	2214	7	US-11-443-428A-856835	Sequence 856835, Ap
108	44	41.5	275	6	US-11-371-354-64049	Sequence 64049, A	181	43	40.6	2214	7	US-11-443-428A-856850	Sequence 856850, Ap
109	44	41.5	275	7	US-11-001-793-6360	Sequence 6360, Ap	182	43	40.6	2214	7	US-11-443-428A-856851	Sequence 856851, Ap
110	44	41.5	275	7	US-11-443-428A-1029228	Sequence 1029228, A	183	43	40.6	2214	7	US-11-443-428A-856852	Sequence 856852, Ap
111	44	41.5	276	5	US-09-949-925-86	Sequence 86, Appl	184	43	40.6	2229	7	US-11-443-428A-856837	Sequence 856837, Ap
112	44	41.5	282	7	US-11-001-793-10716	Sequence 10716, A	185	43	40.6	2281	6	US-10-276-817B-13720	Sequence 13720, A
113	44	41.5	282	7	US-11-545-766-458	Sequence 458, App	186	43	40.6	2281	7	US-11-582-861-7973	Sequence 7973, Ap
114	44	41.5	291	7	US-11-443-428A-1029229	Sequence 1029229, A	187	43	40.6	2417	6	US-11-443-428A-856853	Sequence 856853, Ap
115	44	41.5	291	7	US-11-443-428A-1029231	Sequence 1029231, A	188	42.5	40.1	168	7	US-10-603-113-21473	Sequence 21473, A
116	44	41.5	291	7	US-11-443-428A-1029234	Sequence 1029234, A	189	42.5	40.1	182	7	US-11-443-428A-946678	Sequence 946678, Ap
117	44	41.5	291	7	US-11-443-428A-1029235	Sequence 1029235, A	190	42.5	40.1	346	7	US-11-443-428A-1030786	Sequence 1030786, Ap
118	44	41.5	291	7	US-11-443-428A-1029237	Sequence 1029237, A	191	42.5	40.1	1013	7	US-11-158-863-546	Sequence 546, App
119	44	41.5	291	7	US-11-443-428A-1029238	Sequence 1029238, A	192	42.5	40.1	58	6	US-10-703-032-173860	Sequence 173860, Ap
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121	44	41.5	318	7	US-11-001-793-10718	Sequence 10718, A	194	42	39.6	115	7	US-11-443-428A-878508	Sequence 878508, Ap
122	44	41.5	318	7	US-11-545-766-455	Sequence 455, App	195	42	39.6	117	6	US-10-760-320A-3266	Sequence 3266, Ap
123	44	41.5	339	7	US-11-443-428A-856848	Sequence 856848, A	196	42	39.6	131	6	US-10-603-113-15268	Sequence 15268, A
124	44	41.5	371	7	US-11-443-428A-839326	Sequence 839326, A	197	42	39.6	131	6	US-11-363-870-2	Sequence 2, Appl
125	44	41.5	371	7	US-11-366-942-934	Sequence 934, App	198	42	39.6	138	7	US-11-363-869-2	Sequence 2, Appl
126	44	41.5	778	7	US-11-443-428A-839329	Sequence 839329, A	199	42	39.6	140	6	US-10-527-678-9	Sequence 9, Appl
127	44	41.5	778	7	US-11-443-428A-839331	Sequence 839331, A	200	42	39.6	140	6	US-10-219-051B-433	Sequence 433, App
128	44	41.5	804	7	US-11-443-428A-839330	Sequence 839330, A	201	42	39.6	140	6	US-10-219-051B-435	Sequence 435, App
129	44	41.5	815	7	US-11-443-428A-839324	Sequence 839324, A	202	42	39.6	140	6	US-10-219-051B-437	Sequence 437, App
130	44	41.5	1556	7	US-11-516-230-22450	Sequence 22450, A	203	42	39.6	140	6	US-10-219-051B-723	Sequence 723, Ap
131	44	41.5	1556	7	US-11-516-230-71740	Sequence 71740, A	204	42	39.6	140	6	US-10-219-051B-725	Sequence 725, Ap
132	43.5	41.0	417	7	US-11-443-428A-1026260	Sequence 1026260, A	205	42	39.6	140	6	US-10-219-051B-7325	Sequence 7325, Ap
133	43.5	41.0	417	7	US-11-443-428A-1026266	Sequence 1026266, A	206	42	39.6	140	6	US-10-219-051B-7325	Sequence 7325, Ap
134	43.5	41.0	435	7	US-11-443-428A-1026265	Sequence 1026265, A	207	42	39.6	140	6	US-10-219-051B-13571	Sequence 13571, A
135	43.5	41.0	602	7	US-11-443-428A-1026263	Sequence 1026263, A	208	42	39.6	140	6	US-10-219-051B-13573	Sequence 13573, A
136	43.5	41.0	629	7	US-11-443-428A-1026258	Sequence 1026258, A	209	42	39.6	140	7	US-11-371-354-59997	Sequence 59997, A
137	43.5	41.0	629	7	US-11-443-428A-1026259	Sequence 1026259, A	210	42	39.6	140	7	US-11-443-428A-878501	Sequence 878501, Ap
138	43.5	41.0	629	7	US-11-443-428A-1026262	Sequence 1026262, A	211	42	39.6	140	7	US-11-443-428A-878502	Sequence 878502, Ap
139	43	40.6	106	7	US-11-443-428A-763099	Sequence 763099, A	212	42	39.6	140	7	US-11-443-428A-878503	Sequence 878503, Ap
140	43	40.6	113	6	US-10-370-953-74	Sequence 74, Appl	213	42	39.6	140	7	US-11-443-428A-878504	Sequence 878504, Ap
141	43	40.6	127	7	US-11-443-428A-753581	Sequence 753581, A	214	42	39.6	140	7	US-11-443-428A-878505	Sequence 878505, Ap
142	43	40.6	127	7	US-11-443-428A-791281	Sequence 791281, A	215	42	39.6	140	7	US-11-443-428A-878506	Sequence 878506, Ap
143	43	40.6	141	7	US-11-486-448-71919	Sequence 71919, A	216	42	39.6	140	7	US-11-443-428A-878509	Sequence 878509, Ap
144	43	40.6	147	7	US-11-443-428A-961361	Sequence 961361, A	217	42	39.6	140	7	US-11-443-428A-878510	Sequence 878510, Ap
145	43	40.6	196	7	US-11-443-428A-1002802	Sequence 1002802, A	218	42	39.6	140	7	US-11-443-428A-878511	Sequence 878511, Ap
146	43	40.6	235	7	US-11-443-428A-833734	Sequence 833734, A	219	42	39.6	140	7	US-11-443-428A-878513	Sequence 878513, Ap
147	43	40.6	275	7	US-11-443-428A-833729	Sequence 833729, A	220	42	39.6	140	7	US-11-443-428A-960206	Sequence 960206, Ap
148	43	40.6	373	6	US-10-603-108-1942	Sequence 1942, Ap	221	42	39.6	157	7	US-11-443-428A-117213	Sequence 117213, Ap
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151	43	40.6	394	7	US-11-431-855-15660	Sequence 15660, A	224	42	39.6	217	6	US-10-276-817B-9204	Sequence 9204, Ap
152	43	40.6	394	7	US-11-431-855-15660	Sequence 15660, A	225	42	39.6	249	6	US-10-953-349-6838	Sequence 6838, Ap
153	43	40.6	395	7	US-11-431-855-15660	Sequence 15660, A	226	42	39.6	249	6	US-10-953-349-6838	Sequence 6838, Ap
154	43	40.6	396	7	US-11-431-855-17900	Sequence 17900, A	227	42	39.6	249	6	US-10-953-349-6838	Sequence 6838, Ap
155	43	40.6	396	7	US-11-431-855-16120	Sequence 16120, A	228	42	39.6	343	7	US-11-443-428A-927480	Sequence 927480, Ap
156	43	40.6	397	7	US-11-401-013-22	Sequence 22, Appl	229	42	39.6	343	7	US-11-241-607-39986	Sequence 39986, A
157	43	40.6	415	6	US-10-669-920-506	Sequence 506, App	230	42	39.6	343	7	US-11-241-607-39985	Sequence 39985, A
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159	43	40.6	415	7	US-11-416-310-8	Sequence 8, Appl	232	42	39.6	383	7	US-11-443-428A-16089	Sequence 16089, A
160	43	40.6	416	7	US-11-500-718-4	Sequence 4, Appl	233	42	39.6	394	7	US-11-431-855-28601	Sequence 28601, A
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162	43	40.6	679	7	US-11-443-428A-856839	Sequence 856839, A	235	42	39.6	426	7	US-11-519-693-11	Sequence 11, Appl
163	43	40.6	1024	7	US-11-443-428A-856839	Sequence 856839, A	236	42	39.6	441	6	US-10-953-349-6838	Sequence 6838, Ap
164	43	40.6	1097	7	US-11-443-428A-856855	Sequence 856855, A	237	42	39.6	447	7	US-11-443-428A-1028065	Sequence 1028065, Ap
165	43	40.6	1784	6	US-10-517-155A-38	Sequence 38, Appl	238	42	39.6	458	7	US-11-241-607-39984	Sequence 39984, A
166	43	40.6	1788	6	US-10-564-595-36	Sequence 36, Appl	239	42	39.6	470	7	US-11-443-428A-1028064	Sequence 1028064, Ap
167	43	40.6	1788	6	US-10-567-867-2171	Sequence 2171, Ap	240	42	39.6	579	7	US-11-443-428A-1028056	Sequence 1028056, Ap
168	43	40.6	1788	6	US-11-443-428A-856831	Sequence 856831, A	241	42	39.6	579	7	US-11-443-428A-1028057	Sequence 1028057, Ap
169	43	40.6	1789	6	US-10-219-051B-4716	Sequence 4716, Ap	242	42	39.6	579	7	US-11-443-428A-1028058	Sequence 1028058, Ap
170	43	40.6	1789	6	US-10-219-051B-4719	Sequence 4719, Ap	243	42	39.6	579	7	US-11-443-428A-1028060	Sequence 1028060, Ap
171	43	40.6	1855	6	US-10-276-817B-13719	Sequence 13719, A	244	42	39.6	579	7	US-11-443-428A-1028061	Sequence 1028061, Ap

245	42	39.6	579	7	US-11-443-428A-1028062	Sequence 1028062,	318	41	38.7	477	6	US-10-276-817B-14369	Sequence 14369, A
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248	42	39.6	616	6	US-10-777-288A-2085	Sequence 2085, Ap	321	41	38.7	482	7	US-11-431-855-32001	Sequence 32001, A
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250	42	39.6	680	7	US-11-443-428A-1026273	Sequence 1026273,	323	41	38.7	483	6	US-10-612-783-4577	Sequence 4577, Ap
251	42	39.6	680	7	US-11-443-428A-1026274	Sequence 1026274,	324	41	38.7	483	6	US-10-419-128-25746	Sequence 25746, A
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253	42	39.6	680	7	US-11-443-428A-1026278	Sequence 1026278,	326	41	38.7	547	7	US-11-330-403-42761	Sequence 42761, A
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256	42	39.6	1088	6	US-10-533-519-2335	Sequence 2335, Ap	329	41	38.7	563	7	US-11-208-208-4800	Sequence 4800, Ap
257	42	39.6	1094	7	US-11-443-428A-838090	Sequence 838090,	330	41	38.7	585	6	US-10-276-817B-13181	Sequence 13181, A
258	41.5	39.2	188	7	US-11-443-428A-972336	Sequence 972336,	331	41	38.7	625	6	US-10-805-394-6787	Sequence 6787, Ap
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263	41	38.7	92	7	US-11-443-428A-103924	Sequence 103924,	336	40.5	38.2	1902	7	US-11-598-148-8	Sequence 8, Appl
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269	41	38.7	121	7	US-11-443-428A-769608	Sequence 769608,	342	40.5	38.2	208	7	US-11-056-355B-3060	Sequence 3060, Ap
270	41	38.7	134	7	US-11-371-354-73419	Sequence 73419, A	343	40.5	38.2	240	7	US-11-056-355B-3059	Sequence 3059, Ap
271	41	38.7	134	7	US-11-443-428A-754491	Sequence 754491,	344	40.5	38.2	254	7	US-11-443-428A-101306	Sequence 101306,
272	41	38.7	134	7	US-11-443-428A-754492	Sequence 754492,	345	40.5	38.2	351	6	US-10-449-902-49925	Sequence 49925, A
273	41	38.7	134	7	US-11-443-428A-754493	Sequence 754493,	346	40.5	38.2	351	6	US-10-612-783-6817	Sequence 6817, Ap
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275	41	38.7	143	7	US-11-486-448-109199	Sequence 109199,	348	40	37.7	74	7	US-11-443-428A-942881	Sequence 942881,
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277	41	38.7	150	7	US-11-443-428A-885880	Sequence 885880,	350	40	37.7	90	7	US-11-486-448-71920	Sequence 71920, A
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279	41	38.7	155	7	US-11-443-428A-885882	Sequence 885882,	352	40	37.7	118	7	US-11-443-428A-790566	Sequence 790566,
280	41	38.7	164	7	US-11-443-428A-885878	Sequence 885878,	353	40	37.7	119	7	US-11-443-428A-738234	Sequence 738234,
281	41	38.7	172	7	US-11-443-428A-968129	Sequence 968129,	354	40	37.7	127	6	US-10-567-867-1272	Sequence 1272, Ap
282	41	38.7	179	7	US-11-443-428A-885876	Sequence 885876,	355	40	37.7	127	7	US-11-383-080-33	Sequence 33, Appl
283	41	38.7	179	7	US-11-443-428A-885884	Sequence 885884,	356	40	37.7	127	7	US-11-371-354-59855	Sequence 59855, A
284	41	38.7	181	6	US-10-405-027-4563	Sequence 4563, Ap	357	40	37.7	127	7	US-11-066-316A-989	Sequence 989, App
285	41	38.7	181	7	US-11-371-354-12645	Sequence 12645, A	358	40	37.7	127	7	US-11-066-316A-992	Sequence 992, App
286	41	38.7	181	7	US-11-371-354-55939	Sequence 55939, A	359	40	37.7	127	7	US-11-443-428A-1018244	Sequence 1018244,
287	41	38.7	181	7	US-11-371-354-76612	Sequence 76612, A	360	40	37.7	127	7	US-11-443-428A-1030784	Sequence 1030784,
288	41	38.7	206	7	US-11-043-591-55	Sequence 55, Appl	361	40	37.7	127	7	US-11-443-428A-1030788	Sequence 1030788,
289	41	38.7	224	7	US-11-371-354-74619	Sequence 74619, A	362	40	37.7	127	7	US-11-443-428A-1030793	Sequence 1030793,
290	41	38.7	233	7	US-11-443-428A-885887	Sequence 885887,	363	40	37.7	127	7	US-11-443-428A-1030794	Sequence 1030794,
291	41	38.7	243	7	US-11-238-035-15	Sequence 15, Appl	364	40	37.7	128	6	US-10-990-328-14396	Sequence 14396, A
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293	41	38.7	243	7	US-11-514-821-25	Sequence 25, Appl	366	40	37.7	140	7	US-11-486-448-82246	Sequence 82246, A
294	41	38.7	243	7	US-11-614-840-21	Sequence 21, Appl	367	40	37.7	145	7	US-11-443-428A-961117	Sequence 961117,
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298	41	38.7	266	6	US-10-703-032-115599	Sequence 115599,	371	40	37.7	165	7	US-11-443-428A-925822	Sequence 925822,
299	41	38.7	282	6	US-10-953-349-21661	Sequence 21661, A	372	40	37.7	165	7	US-11-443-428A-995896	Sequence 995896,
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306	41	38.7	395	6	US-10-467-478-2299	Sequence 2299, Ap	379	40	37.7	194	6	US-10-449-902-49512	Sequence 49512, A
307	41	38.7	395	6	US-10-467-478-3555	Sequence 3555, Ap	380	40	37.7	202	7	US-11-241-607-25157	Sequence 25157, A
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310	41	38.7	399	6	US-10-553-928-280	Sequence 280, App	383	40	37.7	205	6	US-10-743-643-293	Sequence 293, App
311	41	38.7	405	6	US-10-934-893-1498	Sequence 1498, Ap	384	40	37.7	205	6	US-10-743-643-1889	Sequence 1889, Ap
312	41	38.7	418	6	US-10-953-349-35079	Sequence 35079, A	385	40	37.7	206	6	US-10-743-643-1340	Sequence 1340, Ap
313	41	38.7	418	7	US-11-056-355B-1521	Sequence 1521, Ap	386	40	37.7	206	6	US-10-219-051B-11030	Sequence 11030, A
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393	40	37.7	220	6	US-10-603-113-17809	Sequence 17809, A	466	40	37.7	558	7	US-11-520-715-59669	Sequence 59669, A
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399	40	37.7	228	6	US-10-703-032-135703	Sequence 135703, A	472	40	37.7	655	7	US-11-312-958-36	Sequence 36, Appl
400	40	37.7	228	6	US-10-703-032-135714	Sequence 135714, A	473	40	37.7	686	7	US-11-377-316-147	Sequence 147, App
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454	40	37.7	511	7	US-11-434-203-9804	Sequence 9804, Ap	527	39	36.8	104	7	US-11-443-428A-939926	Sequence 939926, A
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557	39	36.8	241	7	US-11-486-448-83778	Sequence 83778, A	Sequence 83778, A	39	36.8	554	7	US-11-056-355B-118706	Sequence 118706,
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561	39	36.8	245	6	US-10-964-241-280	Sequence 241, App	Sequence 241, App	39	36.8	582	7	US-11-432-967-18	Sequence 18, Appl
562	39	36.8	245	7	US-11-238-035-16	Sequence 16, Appl	Sequence 16, Appl	39	36.8	585	6	US-10-917-503-17135	Sequence 17135, A
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564	39	36.8	245	7	US-11-240-891-11	Sequence 11, Appl	Sequence 11, Appl	39	36.8	590	7	US-11-241-607-60761	Sequence 60761, A
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568	39	36.8	245	7	US-11-443-428A-804995	Sequence 804995,	Sequence 804995,	39	36.8	621	7	US-11-582-861-5389	Sequence 5389, Ap
569	39	36.8	245	7	US-11-614-840-24	Sequence 24, Appl	Sequence 24, Appl	39	36.8	626	7	US-11-443-428A-840957	Sequence 840957,
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574	39	36.8	252	7	US-11-443-428A-801819	Sequence 801819,	Sequence 801819,	39	36.8	661	6	US-10-449-902-40875	Sequence 40875, A
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577	39	36.8	255	6	US-10-405-027-3232	Sequence 3232, Ap	Sequence 3232, Ap	39	36.8	665	7	US-11-443-428A-1030233	Sequence 1030233,
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588	39	36.8	302	7	US-11-443-428A-804976	Sequence 804976,	Sequence 804976,	39	36.8	714	6	US-11-443-428A-1030232	Sequence 1030232,
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591	39	36.8	307	7	US-11-371-354-76410	Sequence 76410, A	Sequence 76410, A	39	36.8	727	7	US-11-443-428A-832673	Sequence 832673,
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594	39	36.8	322	7	US-11-486-448-70285	Sequence 70285, A	Sequence 70285, A	39	36.8	728	7	US-11-345-403-6	Sequence 6, Appli
595	39	36.8	330	7	US-11-443-428A-880814	Sequence 880814,	Sequence 880814,	39	36.8	732	7	US-11-443-428A-840973	Sequence 840973,
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597	39	36.8	335	6	US-10-953-349-24868	Sequence 24868, A	Sequence 24868, A	39	36.8	743	7	US-11-443-428A-840966	Sequence 840966,
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606	39	36.8	381	6	US-10-419-128-25148	Sequence 25148, A	Sequence 25148, A	39	36.8	764	7	US-11-443-428A-840949	Sequence 840949,
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684	39	36.8	764	7	US-11-584-776A-338	Sequence 338, App	757	38.5	36.3	266	6	US-10-467-478-180	Sequence 180, App
685	39	36.8	764	7	US-11-582-861-5388	Sequence 5388, App	758	38.5	36.3	282	7	US-11-443-428A-878732	Sequence 878732,
686	39	36.8	775	7	US-11-043-824-334	Sequence 334, App	759	38.5	36.3	282	7	US-11-443-428A-878735	Sequence 878735,
687	39	36.8	800	7	US-11-486-321-139	Sequence 139, App	760	38.5	36.3	282	7	US-11-443-428A-878736	Sequence 878736,
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689	39	36.8	836	7	US-11-443-428A-840952	Sequence 840952,	762	38.5	36.3	337	7	US-11-520-715-64313	Sequence 64313, A
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691	39	36.8	851	7	US-11-443-428A-877645	Sequence 877645,	764	38.5	36.3	475	6	US-10-777-288A-3025	Sequence 3025, App
692	39	36.8	1011	7	US-11-443-428A-856367	Sequence 856367,	765	38.5	36.3	476	6	US-10-777-288A-3025	Sequence 3025, App
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694	39	36.8	1105	7	US-11-090-997-898	Sequence 898, App	767	38.5	36.3	610	5	US-09-976-858-236	Sequence 236, App
695	39	36.8	1111	7	US-11-443-428A-822292	Sequence 822292,	768	38.5	36.3	610	6	US-10-505-928-580	Sequence 580, App
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697	39	36.8	1144	7	US-11-090-997-892	Sequence 892, App	770	38.5	36.3	610	7	US-11-443-428A-813250	Sequence 813250,
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704	39	36.8	1205	6	US-10-529-348-1186	Sequence 1186, App	777	38	35.8	1963	7	US-11-582-861-7159	Sequence 7159, App
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752	38.5	36.3	133	7	US-11-443-428A-742832	Sequence 742832,	825	38	35.8	132	7	US-11-208-208-5049	Sequence 5049, App
753	38.5	36.3	179	7	US-11-520-715-56378	Sequence 56378, A	826	38	35.8	135	7	US-11-241-607-26568	Sequence 26568, A
754	38.5	36.3	181	6	US-10-703-032-109313	Sequence 109313,	827	38	35.8	136	7	US-11-241-607-26567	Sequence 26567, A
755	38.5	36.3	204	7	US-11-443-428A-979552	Sequence 979552,	828	38	35.8	137	7	US-11-371-354-72615	Sequence 72615, A

829	38	35.8	141	7	US-11-486-448-107036	Sequence 107036,	902	38	35.8	330	6	US-10-449-902-51374	Sequence 51374, A
830	38	35.8	143	6	US-11-467-478-3211	Sequence 3211, Ap	903	38	35.8	334	7	US-11-166-372-3164	Sequence 3164, Ap
831	38	35.8	148	7	US-11-443-428A-792634	Sequence 792634,	904	38	35.8	334	7	US-11-443-428A-830168	Sequence 830168,
832	38	35.8	150	6	US-10-703-032-138858	Sequence 138858,	905	38	35.8	334	7	US-11-443-428A-830169	Sequence 830169,
833	38	35.8	151	6	US-10-703-032-123548	Sequence 123548,	906	38	35.8	334	7	US-11-443-428A-830177	Sequence 830177,
834	38	35.8	151	6	US-10-703-032-123549	Sequence 123549,	907	38	35.8	334	7	US-11-443-428A-830184	Sequence 830184,
835	38	35.8	151	6	US-11-520-715-71260	Sequence 71260, A	908	38	35.8	336	7	US-11-443-428A-977242	Sequence 977242,
836	38	35.8	151	7	US-11-241-607-63409	Sequence 63409, A	909	38	35.8	340	7	US-11-330-403-13101	Sequence 13101, A
837	38	35.8	155	7	US-11-214-063A-1136	Sequence 1136, Ap	910	38	35.8	343	7	US-11-520-715-69120	Sequence 69120, A
838	38	35.8	157	6	US-10-953-349-10842	Sequence 10842, A	911	38	35.8	356	7	US-11-443-428A-830182	Sequence 830182,
839	38	35.8	160	7	US-11-443-428A-961145	Sequence 961145,	912	38	35.8	357	7	US-11-443-428A-769158	Sequence 769158,
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841	38	35.8	163	7	US-11-443-428A-1023740	Sequence 1023740,	914	38	35.8	358	7	US-11-486-448-71453	Sequence 71453, A
842	38	35.8	165	7	US-11-443-428A-862902	Sequence 862902,	915	38	35.8	360	6	US-10-419-128-11551	Sequence 11551, A
843	38	35.8	167	7	US-11-443-428A-866174	Sequence 866174,	916	38	35.8	364	6	US-10-703-032-118527	Sequence 118527,
844	38	35.8	171	7	US-11-050-875-1079	Sequence 1079, Ap	917	38	35.8	364	7	US-11-241-607-7220	Sequence 7220, Ap
845	38	35.8	171	7	US-11-443-428A-946677	Sequence 946677,	918	38	35.8	364	7	US-11-241-607-36693	Sequence 36693, A
846	38	35.8	174	7	US-11-443-428A-751770	Sequence 751770,	919	38	35.8	365	7	US-11-431-855-16940	Sequence 16940, A
847	38	35.8	177	6	US-10-703-032-206508	Sequence 206508,	920	38	35.8	365	7	US-11-431-855-18941	Sequence 18941, A
848	38	35.8	179	6	US-10-760-320A-3498	Sequence 3498, Ap	921	38	35.8	374	7	US-11-443-428A-769148	Sequence 769148,
849	38	35.8	179	7	US-11-293-697-2774	Sequence 2774, Ap	922	38	35.8	378	6	US-10-449-902-35942	Sequence 35942, A
850	38	35.8	182	7	US-11-443-428A-965328	Sequence 965328,	923	38	35.8	382	7	US-11-443-428A-906584	Sequence 906584,
851	38	35.8	188	7	US-11-443-428A-800446	Sequence 800446,	924	38	35.8	387	6	US-10-934-893-4975	Sequence 4975, Ap
852	38	35.8	206	6	US-10-703-032-187456	Sequence 187456,	925	38	35.8	389	7	US-11-443-428A-1009467	Sequence 1009467,
853	38	35.8	208	6	US-10-219-051B-1033	Sequence 1033, Ap	926	38	35.8	393	6	US-10-953-349-11701	Sequence 11701, A
854	38	35.8	209	7	US-11-443-428A-1018892	Sequence 1018892,	927	38	35.8	393	6	US-10-603-113-17475	Sequence 17475, A
855	38	35.8	212	6	US-10-449-902-52386	Sequence 52386, A	928	38	35.8	393	7	US-11-443-428A-830180	Sequence 830180,
856	38	35.8	216	6	US-10-405-027-3550	Sequence 3550, Ap	929	38	35.8	395	7	US-11-656-200-699	Sequence 699, Ap
857	38	35.8	216	6	US-10-990-328-13509	Sequence 13509, A	930	38	35.8	396	7	US-11-431-855-30054	Sequence 30054, A
858	38	35.8	216	6	US-10-990-328-13510	Sequence 13510, A	931	38	35.8	398	7	US-11-520-715-49090	Sequence 49090, A
859	38	35.8	216	7	US-11-371-354-69859	Sequence 69859, A	932	38	35.8	400	7	US-11-443-428A-81621	Sequence 81621, A
860	38	35.8	216	7	US-11-371-354-77357	Sequence 77357, A	933	38	35.8	402	6	US-10-953-349-11700	Sequence 11700, A
861	38	35.8	216	7	US-11-487-623-1	Sequence 1, Appli	934	38	35.8	402	7	US-11-443-428A-906583	Sequence 906583,
862	38	35.8	216	7	US-11-582-861-10395	Sequence 10395, A	935	38	35.8	404	6	US-10-533-520-3600	Sequence 3600, Ap
863	38	35.8	216	7	US-11-320-665-3	Sequence 3, Appli	936	38	35.8	404	7	US-11-371-354-69885	Sequence 69885, A
864	38	35.8	217	6	US-10-703-032-137477	Sequence 137477,	937	38	35.8	404	7	US-11-443-428A-830167	Sequence 830167,
865	38	35.8	220	7	US-11-443-428A-1019599	Sequence 1019599,	938	38	35.8	404	7	US-11-443-428A-830170	Sequence 830170,
866	38	35.8	224	7	US-11-092-052-1818	Sequence 1818, Ap	939	38	35.8	404	7	US-11-443-428A-830171	Sequence 830171,
867	38	35.8	224	7	US-11-507-098A-1818	Sequence 1818, Ap	940	38	35.8	404	7	US-11-443-428A-830172	Sequence 830172,
868	38	35.8	224	7	US-11-507-097-1818	Sequence 1818, Ap	941	38	35.8	404	7	US-11-443-428A-830176	Sequence 830176,
869	38	35.8	227	7	US-11-443-428A-1018894	Sequence 1018894,	942	38	35.8	404	7	US-11-443-428A-830178	Sequence 830178,
870	38	35.8	234	7	US-11-443-428A-975439	Sequence 975439,	943	38	35.8	404	7	US-11-443-428A-830179	Sequence 830179,
871	38	35.8	235	7	US-11-520-715-59398	Sequence 59398, A	944	38	35.8	404	7	US-11-443-428A-830181	Sequence 830181,
872	38	35.8	237	7	US-11-443-428A-926947	Sequence 926947,	945	38	35.8	404	7	US-11-443-428A-830183	Sequence 830183,
873	38	35.8	240	7	US-11-443-428A-1008742	Sequence 1008742,	946	38	35.8	404	7	US-11-443-428A-1013505	Sequence 1013505,
874	38	35.8	242	7	US-11-520-715-47219	Sequence 47219, A	947	38	35.8	408	7	US-11-443-428A-975184	Sequence 975184,
875	38	35.8	242	7	US-11-656-200-705	Sequence 705, App	948	38	35.8	411	7	US-11-443-428A-767930	Sequence 767930,
876	38	35.8	243	7	US-11-330-403-1782	Sequence 1782, Ap	949	38	35.8	414	6	US-11-443-428A-132954	Sequence 132954,
877	38	35.8	243	7	US-11-568-436-1263	Sequence 1263, Ap	950	38	35.8	418	6	US-10-419-128-27023	Sequence 27023, A
878	38	35.8	247	6	US-10-131-833A-284	Sequence 284, App	951	38	35.8	428	6	US-10-449-902-31266	Sequence 31266, A
879	38	35.8	247	6	US-10-964-241-284	Sequence 284, App	952	38	35.8	435	6	US-10-419-128-17127	Sequence 17127, A
880	38	35.8	247	7	US-11-238-035-17	Sequence 17, Appl	953	38	35.8	439	6	US-10-419-128-17127	Sequence 17127, A
881	38	35.8	247	7	US-11-240-891-13	Sequence 13, Appl	954	38	35.8	442	7	US-11-431-855-10686	Sequence 10686, A
882	38	35.8	247	7	US-11-478-193-975	Sequence 975, App	955	38	35.8	442	7	US-11-431-855-11614	Sequence 11614, A
883	38	35.8	247	7	US-11-443-428A-800447	Sequence 800447,	956	38	35.8	442	7	US-11-431-855-27747	Sequence 27747, A
884	38	35.8	247	7	US-11-614-840-23	Sequence 23, Appl	957	38	35.8	443	6	US-10-603-113-16816	Sequence 16816, A
885	38	35.8	252	6	US-10-526-572-15	Sequence 15, Appl	958	38	35.8	446	7	US-10-434-665-3908	Sequence 3908, Ap
886	38	35.8	252	7	US-11-611-037-14	Sequence 14, Appl	959	38	35.8	446	7	US-11-056-355B-39286	Sequence 39286, A
887	38	35.8	261	7	US-11-443-428A-1019598	Sequence 1019598,	960	38	35.8	446	7	US-11-056-355B-47354	Sequence 47354, A
888	38	35.8	266	7	US-11-443-428A-831766	Sequence 831766,	961	38	35.8	446	7	US-11-443-428A-1002674	Sequence 1002674,
889	38	35.8	274	6	US-10-990-328-11474	Sequence 11474, A	962	38	35.8	466	7	US-11-330-403-13454	Sequence 13454, A
890	38	35.8	279	7	US-11-443-428A-906576	Sequence 906576,	963	38	35.8	466	7	US-11-431-855-18540	Sequence 18540, A
891	38	35.8	279	7	US-11-486-448-62437	Sequence 62437, A	964	38	35.8	466	7	US-11-431-855-32399	Sequence 32399, A
892	38	35.8	284	7	US-11-516-230-26833	Sequence 26833, A	965	38	35.8	467	6	US-10-703-032-116995	Sequence 116995,
893	38	35.8	288	6	US-10-805-394-4613	Sequence 4613, Ap	966	38	35.8	476	6	US-10-449-902-43483	Sequence 43483, A
894	38	35.8	290	7	US-11-431-855-30078	Sequence 30078, A	967	38	35.8	476	6	US-11-431-855-28975	Sequence 28975, A
895	38	35.8	293	7	US-11-241-607-7222	Sequence 7222, Ap	968	38	35.8	477	7	US-11-431-855-23713	Sequence 23713, A
896	38	35.8	293	7	US-11-241-607-36695	Sequence 36695, A	969	38	35.8	478	7	US-11-431-855-9191	Sequence 9191, Ap
897	38	35.8	297	7	US-11-174-307B-5250	Sequence 5250, Ap	970	38	35.8	482	7	US-11-074-226-220	Sequence 220, App
898	38	35.8	297	7	US-11-241-607-7221	Sequence 7221, Ap	971	38	35.8	491	7	US-11-520-715-47215	Sequence 47215, A
899	38	35.8	297	7	US-11-241-607-36694	Sequence 36694, A	972	38	35.8	491	7	US-11-443-428A-816593	Sequence 816593,
900	38	35.8	303	7	US-11-516-230-26761	Sequence 26761, A	973	38	35.8	496	6	US-10-990-328-11473	Sequence 11473, A
901	38	35.8	319	6	US-10-449-902-33331	Sequence 33331, A	974	38	35.8	496	6	US-10-990-328-11475	Sequence 11475, A



## RESULT 4

US-11-043-591-137  
; Sequence 137, Application US/11043591  
; Publication No. US20070082337A1  
; GENERAL INFORMATION:  
; APPLICANT: Sorek, Rotem  
; APPLICANT: Pollock, Sarah  
; APPLICANT: Diber, Alex  
; APPLICANT: Levine, Zurit  
; APPLICANT: Nemzer, Sergey  
; APPLICANT: Kol, Guy  
; APPLICANT: Wool, Assaf  
; APPLICANT: Haviv, Ami  
; APPLICANT: Cohen, Yuval  
; APPLICANT: Cohen, Yossi  
; APPLICANT: Shemesh, Ronen  
; APPLICANT: Savitsky, Kinneret  
; TITLE OF INVENTION: METHODS OF IDENTIFYING PUTATIVE GENE PRODUCTS BY INTERSPECIES SEQ  
; TITLE OF INVENTION: COMPARISON AND BIOMOLECULAR SEQUENCES UNCOVERED THEREBY  
; FILE REFERENCE: 28486  
; CURRENT APPLICATION NUMBER: US/11/043.591  
; CURRENT FILING DATE: 2005-01-27  
; NUMBER OF SEQ ID NOS: 469  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 137  
; LENGTH: 464  
; TYPE: PRT  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: A novel predicted alternative spliced variant protein product

## US-11-043-591-137

Query Match 100.0%; Score 106; DB 7; Length 464;  
Best Local Similarity 100.0%; Pred. No. 1.2e-07;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LCTKEGVLKGGKREKPF 20  
|||  
Db 264 LCTKEGVLKGGKREKPF 283

## RESULT 5

US-11-329-293-2  
; Sequence 2, Application US/11329293  
; Publication No. US20060141545A1  
; GENERAL INFORMATION:  
; APPLICANT: THORPE, PHILIP E.  
; APPLICANT: RAN, SOPHIA  
; TITLE OF INVENTION: CANCER TREATMENT KITS USING ANTIBODIES TO  
; TITLE OF INVENTION: AMINOPHOSPHOLIPIDS  
; FILE REFERENCE: 4001.002282  
; CURRENT APPLICATION NUMBER: US/11/329,293  
; CURRENT FILING DATE: 2006-01-10  
; PRIOR APPLICATION NUMBER: US/09/351,862  
; PRIOR FILING DATE: 1999-07-12  
; NUMBER OF SEQ ID NOS: 5  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 2  
; LENGTH: 498  
; TYPE: PRT  
; ORGANISM: Homo sapiens

## US-11-329-293-2

Query Match 100.0%; Score 106; DB 7; Length 498;  
Best Local Similarity 100.0%; Pred. No. 1.3e-07;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LCTKEGVLKGGKREKPF 20  
|||  
Db 264 LCTKEGVLKGGKREKPF 283

## RESULT 6

US-11-329-293-2

## US-11-311-939-5

; Sequence 5, Application US/11311939  
; Publication No. US20060246071A1  
; GENERAL INFORMATION:  
; APPLICANT: Green, Larry L.  
; APPLICANT: Zhou, Qing  
; APPLICANT: Keyt, Bruce A.  
; APPLICANT: Yang, Xiao-Dong  
; APPLICANT: Emery, Stephen  
; APPLICANT: Blakey, David C.  
; TITLE OF INVENTION: ANTIBODIES DIRECTED TO ANGIOPOIETIN-2  
; TITLE OF INVENTION: AND USES THEREOF  
; FILE REFERENCE: ABXAZ.002A  
; CURRENT APPLICATION NUMBER: US/11/311,939  
; CURRENT FILING DATE: 2005-12-19  
; PRIOR APPLICATION NUMBER: US 60/638,354  
; PRIOR FILING DATE: 2004-12-21  
; PRIOR APPLICATION NUMBER: US 60/711,289  
; PRIOR FILING DATE: 2005-08-25  
; NUMBER OF SEQ ID NOS: 662  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 5  
; LENGTH: 498  
; TYPE: PRT  
; ORGANISM: Mus musculus

## US-11-311-939-5

Query Match 100.0%; Score 106; DB 7; Length 498;  
Best Local Similarity 100.0%; Pred. No. 1.3e-07;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LCTKEGVLKGGKREKPF 20  
|||  
Db 264 LCTKEGVLKGGKREKPF 283

## RESULT 7

US-11-582-861-8723  
; Sequence 8723, Application US/11582861  
; Publication No. US20070099251A1  
; GENERAL INFORMATION:  
; APPLICANT: Zhang, Hui  
; APPLICANT: Aebersold, Rudolf H.  
; TITLE OF INVENTION: TISSUE- AND SERUM-DERIVED GLYCOPROTEINS  
; TITLE OF INVENTION: AND METHODS OF THEIR USE  
; FILE REFERENCE: 460092.404  
; CURRENT APPLICATION NUMBER: US/11/582,861  
; CURRENT FILING DATE: 2006-10-17  
; PRIOR APPLICATION NUMBER: US 60/728,044  
; PRIOR FILING DATE: 2005-10-17  
; NUMBER OF SEQ ID NOS: 14918  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 8723  
; LENGTH: 498  
; TYPE: PRT  
; ORGANISM: Homo sapiens

## US-11-582-861-8723

Query Match 100.0%; Score 106; DB 7; Length 498;  
Best Local Similarity 100.0%; Pred. No. 1.3e-07;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LCTKEGVLKGGKREKPF 20  
|||  
Db 264 LCTKEGVLKGGKREKPF 283

## RESULT 8

US-11-519-954-3  
; Sequence 3, Application US/11519954  
; Publication No. US20070154482A1  
; GENERAL INFORMATION:  
; APPLICANT: Sukhatme, Vikas P.

```

; APPLICANT: Karumanchi, S. Ananth
; APPLICANT: Parikh, Samir M.
; TITLE OF INVENTION: Methods and Compositions for the Treatment and Diagnosis of
; TITLE OF INVENTION: Diseases Characterized by Vascular Leak, Hypotension, or a
; TITLE OF INVENTION: Procoagulant State
; FILE REFERENCE: 01948/121003
; CURRENT APPLICATION NUMBER: US/11/519,954
; CURRENT FILING DATE: 2006-09-12
; PRIOR APPLICATION NUMBER: US 60/798,639
; PRIOR FILING DATE: 2006-05-08
; PRIOR APPLICATION NUMBER: US 60/716,339
; PRIOR FILING DATE: 2005-09-12
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 3
; LENGTH: 498
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-519-954-3

Query Match      100.0%; Score 106; DB 7; Length 498;
Best Local Similarity 100.0%; Pred. No. 1.3e-07;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 LCTKEGVLKGGKREBEKPF 20
DB      264 LCTKEGVLKGGKREBEKPF 283

RESULT 9
US-11-329-293-5
; Sequence 5, Application US/11329293
; Publication No. US20060141545A1
; GENERAL INFORMATION:
; APPLICANT: THORPE, PHILIP E.
; APPLICANT: RAN, SOPHIA
; TITLE OF INVENTION: CANCER TREATMENT KITS USING ANTIBODIES TO
; TITLE OF INVENTION: AMINOPHOSPHOLIPIDS
; FILE REFERENCE: 4001.002282
; CURRENT APPLICATION NUMBER: US/11/329,293
; CURRENT FILING DATE: 2006-01-10
; PRIOR APPLICATION NUMBER: US/09/351,862
; PRIOR FILING DATE: 1999-07-12
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 495
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-329-293-5

Query Match      90.6%; Score 96; DB 7; Length 495;
Best Local Similarity 95.0%; Pred. No. 4.2e-06;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1 LCTKEGVLKGGKREBEKPF 20
DB      261 LCTKEGVLKGGKREBEKPF 280

RESULT 10
US-11-371-354-63843
; Sequence 63843, Application US/11371354
; Publication No. US20060275794A1
; GENERAL INFORMATION:
; APPLICANT: CARRINO, JOHN
; APPLICANT: LIANG, FENG
; TITLE OF INVENTION: COLLECTIONS OF MATCHED BIOLOGICAL REAGENTS AND METHODS FOR
; TITLE OF INVENTION: IDENTIFYING MATCHED REAGENTS
; FILE REFERENCE: INV-1005-UT2
; CURRENT APPLICATION NUMBER: US/11/371,354
; CURRENT FILING DATE: 2006-03-07
; PRIOR APPLICATION NUMBER: 60/673,045
; APPLICANT: Sherman, Bradley K

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; PRIOR FILING DATE: 2005-04-19
; PRIOR APPLICATION NUMBER: 60/665,199
; PRIOR FILING DATE: 2005-03-25
; PRIOR APPLICATION NUMBER: 60/665,200
; PRIOR FILING DATE: 2005-03-25
; PRIOR APPLICATION NUMBER: 60/659,493
; PRIOR FILING DATE: 2005-03-07
; PRIOR APPLICATION NUMBER: 60/659,492
; PRIOR FILING DATE: 2005-03-07
; PRIOR APPLICATION NUMBER: 60/953,586
; PRIOR FILING DATE: 2005-02-15
; PRIOR APPLICATION NUMBER: 60/651,390
; PRIOR FILING DATE: 2005-02-08
; NUMBER OF SEQ ID NOS: 78682
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 63843
; LENGTH: 147
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-371-354-63843

Query Match      84.4%; Score 89.5; DB 7; Length 147;
Best Local Similarity 95.0%; Pred. No. 1.2e-05;
Matches 19; Conservative 0; Mismatches 0; Indels 1; Gaps 1;

QY      1 LCTKEGVLKGGKREBEKPF 20
DB      10 LCTKE-VLLKGGKREBEKPF 28

RESULT 11
US-11-311-939-2
; Sequence 2, Application US/11311939
; Publication No. US20060246071A1
; GENERAL INFORMATION:
; APPLICANT: Green, Larry L.
; APPLICANT: Zhou, Qing
; APPLICANT: Keyt, Bruce A.
; APPLICANT: Yang, Xiao-Dong
; APPLICANT: Emery, Stephen
; APPLICANT: Blakey, David C.
; TITLE OF INVENTION: ANTIBODIES DIRECTED TO ANGIOPOIETIN-2
; TITLE OF INVENTION: AND USES THEREOF
; FILE REFERENCE: ABXAZ.002A
; CURRENT APPLICATION NUMBER: US/11/311,939
; CURRENT FILING DATE: 2005-12-19
; PRIOR APPLICATION NUMBER: US 60/638,354
; PRIOR FILING DATE: 2004-12-21
; PRIOR APPLICATION NUMBER: US 60/711,289
; PRIOR FILING DATE: 2005-08-25
; NUMBER OF SEQ ID NOS: 662
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 497
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-311-939-2

Query Match      84.4%; Score 89.5; DB 7; Length 497;
Best Local Similarity 95.0%; Pred. No. 4.2e-05;
Matches 19; Conservative 0; Mismatches 0; Indels 1; Gaps 1;

QY      1 LCTKEGVLKGGKREBEKPF 20
DB      264 LCTKE-VLLKGGKREBEKPF 282

RESULT 12
US-10-374-780A-1433
; Sequence 1433, Application US/10374780A
; Publication No. US20060162006A9
; GENERAL INFORMATION:
; APPLICANT: Sherman, Bradley K

```



```
; NUMBER OF SEQ ID NOS: 5982
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 679
; LENGTH: 453
; TYPE: PRT
; ORGANISM: Chlamydia trachomatis
US-11-366-965-679

Query Match      46.2%; Score 49; DB 7; Length 453;
Best Local Similarity 81.8%; Pred. No. 61;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2 CTKGVLKGG 12
      | | | | | | | |
DB      349 CAKGVLLKGG 359

RESULT 15
US-10-434-665-5427
; Sequence 5427, Application US/10434665
; Publication No. US20070021600A1
; GENERAL INFORMATION:
; APPLICANT: Lynn Doucette-Stamm et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
; TITLE OF INVENTION: ENTEROCOCCUS FAECALIS FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: PATH03-09
; CURRENT APPLICATION NUMBER: US/10/434,665
; CURRENT FILING DATE: 2003-05-14
; PRIOR APPLICATION NUMBER: US 09/134,000
; PRIOR FILING DATE: 1998-08-13
; PRIOR APPLICATION NUMBER: US 60/055,778
; PRIOR FILING DATE: 1997-08-15
; NUMBER OF SEQ ID NOS: 6812
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5427
; LENGTH: 719
; TYPE: PRT
; ORGANISM: Enterococcus faecalis
US-10-434-665-5427

Query Match      46.2%; Score 49; DB 6; Length 719;
Best Local Similarity 61.1%; Pred. No. 98;
Matches 11; Conservative 3; Mismatches 2; Indels 2; Gaps 1;

QY      4 KEG--VLLKGGKREEXP 19
      : | | : | | | | | : |
DB      128 EGGSVLLKGGKVENRP 145

RESULT 16
US-11-443-428A-963451
; Sequence 963451, Application US/11443428A
; Publication No. US20070083334A1
; GENERAL INFORMATION:
; APPLICANT: Mintz, Liat
; APPLICANT: Xie, Hangqing
; APPLICANT: Dahari, Dvir
; APPLICANT: Levanon, Erez
; APPLICANT: Freilich, Shiri
; APPLICANT: Beck, Nili
; APPLICANT: Zhu, Wei-Yong
; APPLICANT: Wasserman, Alon
; APPLICANT: Hermeesh, Chen
; APPLICANT: Azar, Idit
; APPLICANT: Bernstein, Jeanne
; TITLE OF INVENTION: METHODS AND SYSTEMS USEFUL FOR ANNOTATING BIOMOLECULAR SEQUENCES
; FILE REFERENCE: 02/23929
; CURRENT APPLICATION NUMBER: US/11/443,428A
; CURRENT FILING DATE: 2006-05-31
; NUMBER OF SEQ ID NOS: 1034312
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 963451
; LENGTH: 203
```

```
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-443-428A-963451

Query Match      44.3%; Score 47; DB 7; Length 203;
Best Local Similarity 52.9%; Pred. No. 53;
Matches 9; Conservative 2; Mismatches 6; Indels 0; Gaps 0;

QY      2 CTKGVLKGGKREBK 18
      | | | | | | | |
DB      23 CASREPLKGGPREKR 39

RESULT 17
US-10-533-520-833
; Sequence 833, Application US/10533520
; Publication No. US20070048301A1
; GENERAL INFORMATION:
; APPLICANT: GENENTECH, INC.
; APPLICANT: CLARK, HILARY
; APPLICANT: HUNTE, BRISDELL
; APPLICANT: JACKMAN, JANET
; APPLICANT: SCHOENFELD, JILL
; APPLICANT: WILLIAMS, P. MICKEY
; APPLICANT: WOOD, WILLIAM I.
; APPLICANT: WU, THOMAS D.
; APPLICANT: BODARY, SARAH
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF IMMUNE
; TITLE OF INVENTION: RELATED DISEASES
; FILE REFERENCE: P1994R1 US
; CURRENT APPLICATION NUMBER: US/10/533,520
; CURRENT FILING DATE: 2005-04-28
; PRIOR APPLICATION NUMBER: US 60/429,069
; PRIOR FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 6621
; SEQ ID NO 833
; LENGTH: 591
; TYPE: PRT
; ORGANISM: Homo sapien
US-10-533-520-833

Query Match      43.9%; Score 46.5; DB 6; Length 591;
Best Local Similarity 31.4%; Pred. No. 1.9e+02;
Matches 11; Conservative 4; Mismatches 5; Indels 15; Gaps 1;

QY      1 LCTKGVLLKGG-----KREEEKPF 20
      | | | | | | | | | | : | |
DB      361 LCSANGVLVPGGVRGTEGKIQAIARWAKKPF 395

RESULT 18
US-10-990-328-12166
; Sequence 12166, Application US/10990328
; Publication No. US20070054278A1
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele
; TITLE OF INVENTION: POLYMORPHISMS IN NUCLEIC ACID MOLECULES
; TITLE OF INVENTION: ENCODING HUMAN ENZYME PROTEINS, METHODS OF DETECTION AND
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: CL001495
; CURRENT APPLICATION NUMBER: US/10/990,328
; CURRENT FILING DATE: 2004-11-17
; NUMBER OF SEQ ID NOS: 558824
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12166
; LENGTH: 591
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-990-328-12166

Query Match      43.9%; Score 46.5; DB 6; Length 591;
Best Local Similarity 31.4%; Pred. No. 1.9e+02;
Matches 11; Conservative 4; Mismatches 5; Indels 15; Gaps 1;
```



```
Qy 1 LCTKEGVLLKGG-----KREEEKPF 20
||: |||: || | :|||
Db 361 LCSAHGVLPFGVGRTGTEGKIQAIAWARNOKKPF 395

RESULT 19
US-10-567-867-460
; Sequence 460, Application US/10567867
; Publication No. US20070105114A1
; GENERAL INFORMATION:
; APPLICANT: Li, Martha
; APPLICANT: Rupnow, Brent A.
; APPLICANT: Webster, Kevin R.
; APPLICANT: Jackson, Donald
; APPLICANT: Wong, Tai W.
; TITLE OF INVENTION: BIOMARKERS OF CYCLIN-DEPENDENT KINASE MODULATION
; FILE REFERENCE: D0310 PCT
; CURRENT APPLICATION NUMBER: US/10/567,867
; CURRENT FILING DATE: 2006-01-27
; PRIOR APPLICATION NUMBER: US 60/490,890
; PRIOR FILING DATE: 2003-07-29
; NUMBER OF SEQ ID NOS: 2786
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 460
; LENGTH: 591
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-567-867-460

Query Match 43.9%; Score 46.5; DB 6; Length 591;
Best Local Similarity 31.4%; Pred. No. 1.9e+02;
Matches 11; Conservative 4; Mismatches 5; Indels 15; Gaps 1;

Qy 1 LCTKEGVLLKGG-----KREEEKPF 20
||: |||: || | :|||
Db 361 LCSAHGVLPFGVGRTGTEGKIQAIAWARNOKKPF 395

RESULT 20
US-11-289-102-239
; Sequence 239, Application US/11289102
; Publication No. US20060121511A1
; GENERAL INFORMATION:
; APPLICANT: Lee, Hyerim
; APPLICANT: Shaw, Peter M.
; APPLICANT: Clark, Edwin
; TITLE OF INVENTION: BIOMARKERS AND METHODS FOR DETERMINING SENSITIVITY TO
; FILE REFERENCE: 10338 NP
; CURRENT APPLICATION NUMBER: US/11/289,102
; CURRENT FILING DATE: 2005-11-29
; PRIOR APPLICATION NUMBER: US 60/631,993
; PRIOR FILING DATE: 2004-11-30
; NUMBER OF SEQ ID NOS: 395
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 239
; LENGTH: 591
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-289-102-239

Query Match 43.9%; Score 46.5; DB 7; Length 591;
Best Local Similarity 31.4%; Pred. No. 1.9e+02;
Matches 11; Conservative 4; Mismatches 5; Indels 15; Gaps 1;

Qy 1 LCTKEGVLLKGG-----KREEEKPF 20
||: |||: || | :|||
Db 361 LCSAHGVLPFGVGRTGTEGKIQAIAWARNOKKPF 395

RESULT 21
US-11-443-428A-951014
; Sequence 951014, Application US/11443428A
; Publication No. US20070083334A1
; GENERAL INFORMATION:
; APPLICANT: Mintz, Liat
; APPLICANT: Xie, Hanqing
; APPLICANT: Dahari, Dvir
; APPLICANT: Levanon, Erez
; APPLICANT: Freilich, Shiri
; APPLICANT: Beck, Nili
; APPLICANT: Zhu, Wei-Yong
; APPLICANT: Wasserman, Alon
; APPLICANT: Hermesh, Chen
; APPLICANT: Azar, Idit
; APPLICANT: Bernstein, Jeanne
; TITLE OF INVENTION: METHODS AND SYSTEMS USEFUL FOR ANNOTATING BIOMOLECULAR SEQUENCES
; FILE REFERENCE: 02/23929
; CURRENT APPLICATION NUMBER: US/11/443,428A
; CURRENT FILING DATE: 2006-05-31
; NUMBER OF SEQ ID NOS: 1034312
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 951014
; LENGTH: 63
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-443-428A-951014

Query Match 43.4%; Score 46; DB 7; Length 63;
Best Local Similarity 57.1%; Pred. No. 22;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 5 EGVLLKGGKREEEK 18
|||: || | :||:
Db 34 EGVIRKGGDRDEDR 47

RESULT 22
US-10-703-032-165482
; Sequence 165482, Application US/10703032
; Publication No. US20070044171A1
; GENERAL INFORMATION:
; APPLICANT: Kovalic, David K.
; APPLICANT: Andersen, Scott B.
; APPLICANT: Byrum, Joseph R.
; APPLICANT: Conner, Timothy W.
; APPLICANT: Cao, Yongwei
; APPLICANT: Masucci, James D.
; APPLICANT: Zhou, Yihua
; TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With
; FILE REFERENCE: 38-21(53374)B
; CURRENT APPLICATION NUMBER: US/10/703,032
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: 10/020,338
; PRIOR FILING DATE: 2001-12-12
; NUMBER OF SEQ ID NOS: 211164
; SEQ ID NO 165482
; LENGTH: 151
; TYPE: PRT
; ORGANISM: Triticum aestivum
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)..(151)
; OTHER INFORMATION: unsure at all Xaa locations
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_TA_59900.pep
US-10-703-032-165482

Query Match 43.4%; Score 46; DB 6; Length 151;
Best Local Similarity 50.0%; Pred. No. 55;
Matches 8; Conservative 3; Mismatches 5; Indels 0; Gaps 0;

Qy 4 KEGVLLKGGKREEEKP 19
|||: |||: || |
```

Db 66 KEGVRRGRRRRVSP 81

## RESULT 23

US-10-953-349-31785  
; Sequence 31785, Application US/109533349  
; Publication No. US20060107345A1  
; GENERAL INFORMATION:  
; APPLICANT: ALEXANDROV, Nikolai et al.  
; TITLE OF INVENTION: SEQUENCE-DETERMINED DNA FRAGMENTS AND CORRESPONDING POLYPEPTIDES  
; FILE REFERENCE: 2750-1579PUS2  
; CURRENT APPLICATION NUMBER: US/10/953,349  
; CURRENT FILING DATE: 2004-09-30  
; NUMBER OF SEQ ID NOS: 40252  
; SOFTWARE: PatentIn version 3.3  
; SEQ ID NO 31785  
; LENGTH: 228  
; TYPE: prt  
; ORGANISM: Triticum aestivum  
US-10-953-349-31785

Query Match 43.4%; Score 46; DB 6; Length 228;  
Best Local Similarity 61.5%; Pred. No. 85;  
Matches 8; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 6 GVLLKGGKREEEK 18

Db 89 GLLEGSKDEDK 101

## RESULT 24

US-11-056-355B-55870  
; Sequence 55870, Application US/11056355B  
; Publication No. US20060150283A1  
; GENERAL INFORMATION:  
; APPLICANT: Brover, Vyacheslav  
; APPLICANT: Alexandrov, Nikolai  
; TITLE OF INVENTION: Sequence Determined DNA Fragments and Corresponding  
; FILE REFERENCE: 2750-1590PUS2  
; CURRENT APPLICATION NUMBER: US/11/056,355B  
; CURRENT FILING DATE: 2005-02-14  
; PRIOR APPLICATION NUMBER: 60/544,190  
; PRIOR FILING DATE: 2004-02-13  
; NUMBER OF SEQ ID NOS: 119966  
; SEQ ID NO 55870  
; LENGTH: 228  
; TYPE: prt  
; ORGANISM: Glycine max  
; FEATURE:  
; NAME/KEY: peptide  
; LOCATION: (1)..(228)  
; OTHER INFORMATION: Ceres Seq. ID NO. 12610009  
US-11-056-355B-55870

Query Match 43.4%; Score 46; DB 7; Length 228;  
Best Local Similarity 61.5%; Pred. No. 85;  
Matches 8; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 6 GVLLKGGKREEEK 18

Db 89 GLLEGSKDEDK 101

## RESULT 25

US-11-056-355B-62345  
; Sequence 62345, Application US/11056355B  
; Publication No. US20060150283A1  
; GENERAL INFORMATION:  
; APPLICANT: Brover, Vyacheslav  
; APPLICANT: Alexandrov, Nikolai  
; TITLE OF INVENTION: Sequence Determined DNA Fragments and Corresponding

; TITLE OF INVENTION: Polypeptides Encoded Thereby  
; FILE REFERENCE: 2750-1590PUS2  
; CURRENT APPLICATION NUMBER: US/11/056,355B  
; CURRENT FILING DATE: 2005-02-14  
; PRIOR APPLICATION NUMBER: 60/544,190  
; PRIOR FILING DATE: 2004-02-13  
; NUMBER OF SEQ ID NOS: 119966  
; SEQ ID NO 62345  
; LENGTH: 228  
; TYPE: prt  
; ORGANISM: Triticum aestivum  
; FEATURE:  
; NAME/KEY: peptide  
; LOCATION: (1)..(228)  
; OTHER INFORMATION: Ceres Seq. ID no. 14302450  
US-11-056-355B-62345

Query Match 43.4%; Score 46; DB 7; Length 228;  
Best Local Similarity 61.5%; Pred. No. 85;  
Matches 8; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 6 GVLLKGGKREEEK 18

Db 89 GLLEGSKDEDK 101

## RESULT 26

US-11-241-607-32705  
; Sequence 32705, Application US/11241607  
; Publication No. US20070039067A1  
; GENERAL INFORMATION:  
; APPLICANT: Makarov, Vladimir  
; APPLICANT: Brover, Vyacheslav  
; APPLICANT: Feldmann, Kenneth  
; APPLICANT: Swaller, Timothy  
; TITLE OF INVENTION: SEQUENCE-DETERMINED DNA FRAGMENTS AND CORRESPONDING POLYPEPTIDES  
; FILE REFERENCE: 2750-1609PUS2  
; CURRENT APPLICATION NUMBER: US/11/241,607  
; CURRENT FILING DATE: 2005-09-30  
; PRIOR APPLICATION NUMBER: US 60/615,270  
; PRIOR FILING DATE: 2004-09-30  
; PRIOR APPLICATION NUMBER: US 60/635,140  
; PRIOR FILING DATE: 2004-12-08  
; PRIOR APPLICATION NUMBER: US 60/637,104  
; PRIOR FILING DATE: 2004-12-16  
; PRIOR APPLICATION NUMBER: US 60/638,820  
; PRIOR FILING DATE: 2004-12-22  
; PRIOR APPLICATION NUMBER: US 60/637,210  
; PRIOR FILING DATE: 2004-12-16  
; PRIOR APPLICATION NUMBER: US 60/615,055  
; PRIOR FILING DATE: 2004-09-30  
; PRIOR APPLICATION NUMBER: US 60/614,271  
; PRIOR FILING DATE: 2004-09-30  
; PRIOR APPLICATION NUMBER: US 60/614,332  
; PRIOR FILING DATE: 2004-09-30  
; PRIOR APPLICATION NUMBER: US 60/627,206  
; PRIOR FILING DATE: 2004-11-12  
; PRIOR APPLICATION NUMBER: US 60/615,080  
; PRIOR FILING DATE: 2004-09-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 66429  
; SEQ ID NO 32705  
; LENGTH: 228  
; TYPE: prt  
; ORGANISM: Glycine max  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (1)..(228)  
; OTHER INFORMATION: Ceres Seq. ID no. 24771001  
US-11-241-607-32705

Query Match 43.4%; Score 46; DB 7; Length 228;  
Best Local Similarity 61.5%; Pred. No. 85;



```

; APPLICANT: Feldmann, Kenneth
; APPLICANT: Swaller, Timothy
; TITLE OF INVENTION: SEQUENCE-DETERMINED DNA FRAGMENTS AND CORRESPONDING POLYPEPTIDES
; FILE REFERENCE: 2750-1609PUS2
; CURRENT APPLICATION NUMBER: US/11/241,607
; CURRENT FILING DATE: 2005-09-30
; PRIOR APPLICATION NUMBER: US 60/615,270
; PRIOR FILING DATE: 2004-09-30
; PRIOR APPLICATION NUMBER: US 60/635,140
; PRIOR FILING DATE: 2004-12-08
; PRIOR APPLICATION NUMBER: US 60/637,104
; PRIOR FILING DATE: 2004-12-16
; PRIOR APPLICATION NUMBER: US 60/638,820
; PRIOR FILING DATE: 2004-12-22
; PRIOR APPLICATION NUMBER: US 60/637,210
; PRIOR FILING DATE: 2004-12-16
; PRIOR APPLICATION NUMBER: US 60/615,055
; PRIOR FILING DATE: 2004-09-30
; PRIOR APPLICATION NUMBER: US 60/614,271
; PRIOR FILING DATE: 2004-09-30
; PRIOR APPLICATION NUMBER: US 60/614,332
; PRIOR FILING DATE: 2004-09-30
; PRIOR APPLICATION NUMBER: US 60/627,206
; PRIOR FILING DATE: 2004-11-12
; PRIOR APPLICATION NUMBER: US 60/615,080
; PRIOR FILING DATE: 2004-09-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 66429
; SEQ ID NO 64377
; LENGTH: 228
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)-(228)
; OTHER INFORMATION: Pfam Name: Cwf_Cwc_15; Pfam Description: Cwf15/Cwc15 cell cycle c
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: GI Number: 34897750; NR Description: ESTs AU032852(S15362), AU0705
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: GI Number: 46329463; NR Description: MGC81091 protein [Xenopus la
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: GI Number: 61868546; NR Description: RIKEN cDNA 0610040D20, par
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: GI Number: 28829868; NR Description: T10C6.5.p [Caenorhabditis e
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: GI Number: 23612595; NR Description: cell cycle control protein c
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: GI Number: 23489775; NR Description: Dictyostelium discoideum HSP
US-11-241-607-64377

Query Match 43.4%; Score 46; DB 7; Length 228;
Best Local Similarity 61.5%; Pred. No. 85;
Matches 8; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 6 GVLLKGGKREEEK 18
|:|:|:|:|:|:|:|
DB 89 GILLEGSKREDEK 101

RESULT 30
US-11-443-428A-965832

```

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; Sequence 965832, Application US/11443428A
; Publication No. US20070083334A1
; GENERAL INFORMATION:
; APPLICANT: Mintz, Liat
; APPLICANT: Xie, Hanguing
; APPLICANT: Dahari, Dvir
; APPLICANT: Levanon, Erez
; APPLICANT: Freilich, Shiri
; APPLICANT: Beck, Nili
; APPLICANT: Zhu, Wei-Yong
; APPLICANT: Wasserman, Alon
; APPLICANT: Hermesh, Chen
; APPLICANT: Azar, Idit
; APPLICANT: Bernstein, Jeanne
; TITLE OF INVENTION: METHODS AND SYSTEMS USEFUL FOR ANNOTATING BIOMOLECULAR SEQUENCES
; FILE REFERENCE: 02/23929
; CURRENT APPLICATION NUMBER: US/11/443,428A
; CURRENT FILING DATE: 2006-05-31
; NUMBER OF SEQ ID NOS: 1034312
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 965832
; LENGTH: 303
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-443-428A-965832

Query Match 43.4%; Score 46; DB 7; Length 303;
Best Local Similarity 47.4%; Pred. No. 11e+02;
Matches 9; Conservative 2; Mismatches 8; Indels 0; Gaps 0;

QY 1 LCTKEGVLLKGGKREEEKP 19
|:|:|:|:|:|:|:|
DB 70 LCTSKNKNKMGSPFHEKP 88

RESULT 31
US-10-917-503-11210
; Sequence 11210, Application US/10917503.
; Publication No. US20070105122A1
; GENERAL INFORMATION:
; APPLICANT: OTA, TOSHIO
; APPLICANT: ISOGAI, TAKAO
; APPLICANT: NISHIKAWA, TETSUO
; APPLICANT: HAYASHI, KOJI
; APPLICANT: SAITO, KAORU
; APPLICANT: YAMAMOTO, JUNICHI
; APPLICANT: ISHII, SHIZUKO
; APPLICANT: SUGIYAMA, TOMOYASU
; APPLICANT: WAKAMATSU, AI
; APPLICANT: NAGAI, KEIICHI
; APPLICANT: OTSUKI, TETSUJI
; TITLE OF INVENTION: PRIMERS FOR SYNTHESIZING FULL-LENGTH cDNA AND THEIR USE
; FILE REFERENCE: 084335/0123
; CURRENT APPLICATION NUMBER: US/10/917,503
; CURRENT FILING DATE: 2004-03-13
; PRIOR APPLICATION NUMBER: US/09/629,469
; PRIOR FILING DATE: 2000-07-28
; PRIOR APPLICATION NUMBER: JP 1999-248036
; PRIOR FILING DATE: 1999-07-29
; PRIOR APPLICATION NUMBER: JP 1999-300253
; PRIOR FILING DATE: 1999-08-27
; PRIOR APPLICATION NUMBER: JP 2000-118776
; PRIOR FILING DATE: 2000-01-11
; PRIOR APPLICATION NUMBER: JP 2000-183767
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: JP 2000-241899
; PRIOR FILING DATE: 2000-06-09
; PRIOR APPLICATION NUMBER: 60/159,590
; PRIOR FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: 60/183,322
; PRIOR FILING DATE: 2000-02-17
; NUMBER OF SEQ ID NOS: 19025
; SOFTWARE: PatentIn Ver. 2.1

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```
; SEQ ID NO 11210
; LENGTH: 352
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-917-503-11210

Query Match      43.4%; Score 46; DB 6; Length 352;
Best Local Similarity 50.0%; Pred. No. 1.3e+02;
Matches      8; Conservative 3; Mismatches 5; Indels 0; Gaps 0;

Qy      2 CTKEGVLLKGKREEE 17
Db      121 CSAGGVFLNGGKTDE 136

RESULT 32
US-11-443-428A-784416
; Sequence 784416, Application US/11443428A
; Publication No. US2007008334A1
; GENERAL INFORMATION:
; APPLICANT: Mintz, Liat
; APPLICANT: Xie, Hanging
; APPLICANT: Dahari, Dvir
; APPLICANT: Levanon, Erez
; APPLICANT: Freilich, Shiri
; APPLICANT: Beck, Nili
; APPLICANT: Zhu, Wei-Yong
; APPLICANT: Wasserman, Alon
; APPLICANT: Hermeah, Chen
; APPLICANT: Azar, Idit
; APPLICANT: Bernstein, Jeanne
; TITLE OF INVENTION: METHODS AND SYSTEMS USEFUL FOR ANNOTATING BIOMOLECULAR SEQUENCES
; FILE REFERENCE: 02/23929
; CURRENT APPLICATION NUMBER: US/11/443,428A
; CURRENT FILING DATE: 2006-05-31
; NUMBER OF SEQ ID NOS: 1034312
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 784416
; LENGTH: 495
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-443-428A-784416

Query Match      43.4%; Score 46; DB 7; Length 495;
Best Local Similarity 50.0%; Pred. No. 1.9e+02;
Matches      8; Conservative 3; Mismatches 5; Indels 0; Gaps 0;

Qy      2 CTKEGVLLKGKREEE 17
Db      264 CSAGGVFLNGGKTDE 279

RESULT 33
US-11-090-997-1876
; Sequence 1876, Application US/11090997
; Publication No. US20060216722A1
; GENERAL INFORMATION:
; APPLICANT: Betsholtz, Christer et. al.
; TITLE OF INVENTION: Glomerular Expression Profiling
; FILE REFERENCE: 04-1059
; CURRENT APPLICATION NUMBER: US/11/090,997
; CURRENT FILING DATE: 2005-03-25
; NUMBER OF SEQ ID NOS: 2985
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 1876
; LENGTH: 601
; TYPE: PRT
; ORGANISM: Mus musculus
US-11-090-997-1876

Query Match      43.4%; Score 46; DB 7; Length 601;
Best Local Similarity 53.3%; Pred. No. 2.3e+02;
Matches      8; Conservative 3; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      6 GVLLKGGKREBEKPF 20
Db      497 GVIIQGGKHKREKVP 511

RESULT 34
US-11-090-997-1882
; Sequence 1882, Application US/11090997
; Publication No. US20060216722A1
; GENERAL INFORMATION:
; APPLICANT: Betsholtz, Christer et. al.
; TITLE OF INVENTION: Glomerular Expression Profiling
; FILE REFERENCE: 04-1059
; CURRENT APPLICATION NUMBER: US/11/090,997
; CURRENT FILING DATE: 2005-03-25
; NUMBER OF SEQ ID NOS: 2985
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 1882
; LENGTH: 873
; TYPE: PRT
; ORGANISM: Mus musculus
US-11-090-997-1882

Query Match      43.4%; Score 46; DB 7; Length 873;
Best Local Similarity 53.3%; Pred. No. 3.5e+02;
Matches      8; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

Qy      6 GVLLKGGKREBEKPF 20
Db      473 GVIIQGGKHKREKVP 487

RESULT 35
US-11-090-997-1880
; Sequence 1880, Application US/11090997
; Publication No. US20060216722A1
; GENERAL INFORMATION:
; APPLICANT: Betsholtz, Christer et. al.
; TITLE OF INVENTION: Glomerular Expression Profiling
; FILE REFERENCE: 04-1059
; CURRENT APPLICATION NUMBER: US/11/090,997
; CURRENT FILING DATE: 2005-03-25
; NUMBER OF SEQ ID NOS: 2985
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 1880
; LENGTH: 876
; TYPE: PRT
; ORGANISM: Mus musculus
US-11-090-997-1880

Query Match      43.4%; Score 46; DB 7; Length 876;
Best Local Similarity 53.3%; Pred. No. 3.5e+02;
Matches      8; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

Qy      6 GVLLKGGKREBEKPF 20
Db      474 GVIIQGGKHKREKVP 488

RESULT 36
US-11-090-997-1878
; Sequence 1878, Application US/11090997
; Publication No. US20060216722A1
; GENERAL INFORMATION:
; APPLICANT: Betsholtz, Christer et. al.
; TITLE OF INVENTION: Glomerular Expression Profiling
; FILE REFERENCE: 04-1059
; CURRENT APPLICATION NUMBER: US/11/090,997
; CURRENT FILING DATE: 2005-03-25
; NUMBER OF SEQ ID NOS: 2985
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 1878
```

```
; LENGTH: 902
; TYPE: PRT
; ORGANISM: Mus musculus
US-11-090-997-1878

Query Match      43.4%; Score 46; DB 7; Length 902;
Best Local Similarity 53.3%; Pred. No. 3.6e+02;
Matches 8; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY      6 GVLKGGKREEEKPF 20
      ||::||| |||
DB      529 GVIIQGGKHREKNVF 543

RESULT 37
US-11-090-997-1872
; Sequence 1872, Application US/11090997
; Publication No. US20060216722A1
; GENERAL INFORMATION:
; APPLICANT: Betsholtz, Christer et. al.
; TITLE OF INVENTION: Glomerular Expression Profiling
; FILE REFERENCE: 04-1059
; CURRENT APPLICATION NUMBER: US/11/090,997
; CURRENT FILING DATE: 2005-03-25
; NUMBER OF SEQ ID NOS: 2985
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 1872
; LENGTH: 917
; TYPE: PRT
; ORGANISM: Mus musculus
US-11-090-997-1872

Query Match      43.4%; Score 46; DB 7; Length 917;
Best Local Similarity 53.3%; Pred. No. 3.6e+02;
Matches 8; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY      6 GVLKGGKREEEKPF 20
      ||::||| |||
DB      497 GVIIQGGKHREKNVF 511

RESULT 38
US-11-600-479-6
; Sequence 6, Application US/11600479
; Publication No. US20070082848A1
; GENERAL INFORMATION:
; APPLICANT: Alitalo et al
; TITLE OF INVENTION: VEGF-C OR VEGF-D MATERIALS AND METHODS FOR TREATMENT OF
; FILE REFERENCE: 28967/37564B
; CURRENT APPLICATION NUMBER: US/11/600,479
; CURRENT FILING DATE: 2006-11-16
; PRIOR APPLICATION NUMBER: US/10/669,176
; PRIOR FILING DATE: 2003-09-23
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6
; LENGTH: 923
; TYPE: PRT
; ORGANISM: Mus musculus
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (348)..(410)
; OTHER INFORMATION: Signal Peptide
US-11-600-479-6

Query Match      43.4%; Score 46; DB 7; Length 923;
Best Local Similarity 53.3%; Pred. No. 3.7e+02;
Matches 8; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY      6 GVLKGGKREEEKPF 20
      ||::||| |||
DB      497 GVIIQGGKHREKNVF 511

; LENGTH: 902
; TYPE: PRT
; ORGANISM: Mus musculus
US-11-090-997-1878

Query Match      43.4%; Score 46; DB 7; Length 902;
Best Local Similarity 53.3%; Pred. No. 3.6e+02;
Matches 8; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY      6 GVLKGGKREEEKPF 20
      ||::||| |||
DB      529 GVIIQGGKHREKNVF 543

RESULT 39
US-11-090-997-1874
; Sequence 1874, Application US/11090997
; Publication No. US20060216722A1
; GENERAL INFORMATION:
; APPLICANT: Betsholtz, Christer et. al.
; TITLE OF INVENTION: Glomerular Expression Profiling
; FILE REFERENCE: 04-1059
; CURRENT APPLICATION NUMBER: US/11/090,997
; CURRENT FILING DATE: 2005-03-25
; NUMBER OF SEQ ID NOS: 2985
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 1874
; LENGTH: 934
; TYPE: PRT
; ORGANISM: Mus musculus
US-11-090-997-1874

Query Match      43.4%; Score 46; DB 7; Length 934;
Best Local Similarity 53.3%; Pred. No. 3.7e+02;
Matches 8; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY      6 GVLKGGKREEEKPF 20
      ||::||| |||
DB      529 GVIIQGGKHREKNVF 543

RESULT 40
US-11-443-428A-784415
; Sequence 784415, Application US/11443428A
; Publication No. US20070083334A1
; GENERAL INFORMATION:
; APPLICANT: Mintz, Liat
; APPLICANT: Xie, Hanging
; APPLICANT: Dahari, Dvir
; APPLICANT: Levanon, Erez
; APPLICANT: Freilich, Shiri
; APPLICANT: Beck, Nili
; APPLICANT: Zhu, Wei-Yong
; APPLICANT: Wasserman, Alon
; APPLICANT: Hermesh, Chen
; APPLICANT: Azar, Idit
; APPLICANT: Bernstein, Jeanne
; TITLE OF INVENTION: METHODS AND SYSTEMS USEFUL FOR ANNOTATING BIOMOLECULAR SEQUENCES
; FILE REFERENCE: 02/23929
; CURRENT APPLICATION NUMBER: US/11/443,428A
; CURRENT FILING DATE: 2006-05-31
; NUMBER OF SEQ ID NOS: 1034312
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 784415
; LENGTH: 1044
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-443-428A-784415

Query Match      43.4%; Score 46; DB 7; Length 1044;
Best Local Similarity 50.0%; Pred. No. 4.2e+02;
Matches 8; Conservative 3; Mismatches 5; Indels 0; Gaps 0;

QY      2 CTKEGVLLKGGKREEE 17
      |::|||::|
DB      264 CSAGGVFLNGGKTDE 279

RESULT 41
US-11-598-148-242
; Sequence 242, Application US/11598148
; Publication No. US20070141852A1
; GENERAL INFORMATION:
; APPLICANT: Zheng, Yixian
; APPLICANT: Tsai, Ming-Ying
```

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; TITLE OF INVENTION: Isolation of the Mitotic Spindle Matrix and Its Methods of Use
; FILE REFERENCE: 056100-5058-US
; CURRENT APPLICATION NUMBER: US/11/598,148
; CURRENT FILING DATE: 2006-11-13
; PRIOR APPLICATION NUMBER: US 60/735,168
; PRIOR FILING DATE: 2005-11-10
; PRIOR APPLICATION NUMBER: US 60/781,738
; PRIOR FILING DATE: 2006-03-14
; PRIOR APPLICATION NUMBER: US 60/794,099
; PRIOR FILING DATE: 2006-04-24
; NUMBER OF SEQ ID NOS: 684
; SOFTWARE: PatentIn version 3.4
; SEQ ID NO 242
; LENGTH: 1044
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-598-148-242

Query Match      43.4%; Score 46; DB 7; Length 1044;
Best Local Similarity 50.0%; Pred. No. 4.2e+02;
Matches      8; Conservative 3; Mismatches 5; Indels 0; Gaps 0;

Qy      2 CTKEGVLLKGGKREEE 17
Db      264 CSAGGVFLNGGKTDD 279

RESULT 42
US-11-443-428A-784413
; Sequence 784413, Application US/11/443428A
; Publication No. US2007008334A1
; GENERAL INFORMATION:
; APPLICANT: Mintz, Liat
; APPLICANT: Xie, Hanging
; APPLICANT: Dahari, Dvir
; APPLICANT: Levanon, Erez
; APPLICANT: Freilich, Shiri
; APPLICANT: Beck, Nili
; APPLICANT: Zhu, Wei-Yong
; APPLICANT: Wasserman, Alon
; APPLICANT: Hermesh, Chen
; APPLICANT: Azar, Idit
; APPLICANT: Bernstein, Jeanne
; TITLE OF INVENTION: METHODS AND SYSTEMS USEFUL FOR ANNOTATING BIOMOLECULAR SEQUENCES
; FILE REFERENCE: 02/23929
; CURRENT APPLICATION NUMBER: US/11/443,428A
; CURRENT FILING DATE: 2006-05-31
; NUMBER OF SEQ ID NOS: 1034312
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 784413
; LENGTH: 1075
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-443-428A-784413

Query Match      43.4%; Score 46; DB 7; Length 1075;
Best Local Similarity 50.0%; Pred. No. 4.3e+02;
Matches      8; Conservative 3; Mismatches 5; Indels 0; Gaps 0;

Qy      2 CTKEGVLLKGGKREEE 17
Db      295 CSAGGVFLNGGKTDD 310

RESULT 43
US-11-520-715-37008
; Sequence 37008, Application US/11/520715
; Publication No. US20070011783A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jingdong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
; APPLICANT: Screen, Steven E
```

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; APPLICANT: Tabaska, Jack E
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53313)B
; CURRENT APPLICATION NUMBER: US/11/520,715
; CURRENT FILING DATE: 2006-09-14
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 37008
; LENGTH: 107
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURES:
; OTHER INFORMATION: Clone ID: LIB143-002-F10_FLI.pep
US-11-520-715-37008

Query Match      42.5%; Score 45; DB 7; Length 107;
Best Local Similarity 52.9%; Pred. No. 55;
Matches      9; Conservative 3; Mismatches 5; Indels 0; Gaps 0;

Qy      3 TKEGVLLKGGKREEEKP 19
Db      7 TKEGNEKGGTDEEDP 23

RESULT 44
US-11-614-840-22
; Sequence 22, Application US/11/614840
; Publication No. US20070099837A1
; GENERAL INFORMATION:
; APPLICANT: Deisher, Theresa A.
; APPLICANT: Conklin, Darrell C.
; TITLE OF INVENTION: METHODS OF INCREASING CARTILAGE DEPOSITION USING FGF HOMOLOGS
; FILE REFERENCE: 96-20C8
; CURRENT APPLICATION NUMBER: US/11/614,840
; CURRENT FILING DATE: 2006-12-21
; PRIOR APPLICATION NUMBER: 10/854,485
; PRIOR FILING DATE: 2004-05-26
; PRIOR APPLICATION NUMBER: 10/315,431
; PRIOR FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: 10/081,347
; PRIOR FILING DATE: 2002-02-21
; PRIOR APPLICATION NUMBER: 09/634,318
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: 09/613,708
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 09/574,750
; PRIOR FILING DATE: 2000-05-18
; PRIOR APPLICATION NUMBER: 09/229,947
; PRIOR FILING DATE: 1999-01-13
; PRIOR APPLICATION NUMBER: 08/951,822
; PRIOR FILING DATE: 1997-10-16
; PRIOR APPLICATION NUMBER: 60/028,646
; PRIOR FILING DATE: 1996-10-16
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 22
; LENGTH: 168
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-614-840-22

Query Match      42.5%; Score 45; DB 7; Length 168;
Best Local Similarity 50.0%; Pred. No. 88;
Matches      8; Conservative 4; Mismatches 4; Indels 0; Gaps 0;

Qy      4 KEGVLLKGGKREEEKP 19
Db      117 KEGQIMKGNRVETKP 132

RESULT 45
US-11-443-428A-926139
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; Sequence 926139, Application US/11443428A  
; Publication No. US20070083334A1  
; GENERAL INFORMATION:  
; APPLICANT: Mintz, Liat  
; APPLICANT: Xie, Hanqing  
; APPLICANT: Dahari, Dvir  
; APPLICANT: Levanon, Erez  
; APPLICANT: Freilich, Shiri  
; APPLICANT: Beck, Nili  
; APPLICANT: Zhu, Wei-Yong  
; APPLICANT: Wasserman, Alon  
; APPLICANT: Hermesh, Chen  
; APPLICANT: Azar, Idit  
; APPLICANT: Bernstein, Jeanne  
; TITLE OF INVENTION: METHODS AND SYSTEMS USEFUL FOR ANNOTATING BIOMOLECULAR SEQUENCES  
; FILE REFERENCE: 02/23929  
; CURRENT APPLICATION NUMBER: US/11/443,428A  
; CURRENT FILING DATE: 2006-05-31  
; NUMBER OF SEQ ID NOS: 1034312  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 926139  
; LENGTH: 191  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-11-443-428A-926139

Query Match 42.5%; Score 45; DB 7; Length 191;  
Best Local Similarity 50.0%; Pred. No. 1e+02;  
Matches 9; Conservative 4; Mismatches 5; Indels 0; Gaps 0;

Qy 1 LCTKEGVLLKGKREK 18  
||:||||:|  
Db 126 LCQEGEGEGEGEERE 143

RESULT 46  
US-10-703-032-130072  
; Sequence 130072, Application US/10703032  
; Publication No. US2007004471A1  
; GENERAL INFORMATION:  
; APPLICANT: Kovalic, David K.  
; APPLICANT: Andersen, Scott E.  
; APPLICANT: Byrum, Joseph R.  
; APPLICANT: Conner, Timothy W.  
; APPLICANT: Cao, Yongwei  
; APPLICANT: Masucci, James D.  
; APPLICANT: Zhou, Yihua  
; TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated with  
; FILE REFERENCE: 38-21(53374)B  
; CURRENT APPLICATION NUMBER: US/10/703,032  
; CURRENT FILING DATE: 2003-11-06  
; PRIOR APPLICATION NUMBER: 10/020,338  
; PRIOR FILING DATE: 2001-12-12  
; NUMBER OF SEQ ID NOS: 211164  
; SEQ ID NO 130072  
; LENGTH: 262  
; TYPE: PRT  
; ORGANISM: Triticum aestivum  
; FEATURE:  
; OTHER INFORMATION: Clone ID: PAT\_TA\_24490.pep  
US-10-703-032-130072

Query Match 42.5%; Score 45; DB 6; Length 262;  
Best Local Similarity 53.3%; Pred. No. 1.4e+02;  
Matches 8; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

Qy 4 KEGVLLKGKREK 18  
:||:||||:|  
Db 63 EAGVQGGREERE 77

RESULT 47

US-10-953-349-38192  
; Sequence 38192, Application US/10953349  
; Publication No. US20060107345A1  
; GENERAL INFORMATION:  
; APPLICANT: ALEXANDROV, Nikolai et al.  
; TITLE OF INVENTION: SEQUENCE-DETERMINED DNA FRAGMENTS AND CORRESPONDING POLYPEPTIDES  
; FILE REFERENCE: 2750-1579PUS2  
; CURRENT APPLICATION NUMBER: US/10/953,349  
; CURRENT FILING DATE: 2004-09-30  
; NUMBER OF SEQ ID NOS: 40252  
; SOFTWARE: PatentIn version 3.3  
; SEQ ID NO 38192  
; LENGTH: 360  
; TYPE: PRT  
; ORGANISM: Zea mays subsp. mays  
US-10-953-349-38192

Query Match 42.5%; Score 45; DB 6; Length 360;  
Best Local Similarity 68.8%; Pred. No. 2e+02;  
Matches 11; Conservative 1; Mismatches 0; Indels 4; Gaps 1;

Qy 4 KEG----VLLKGKRE 15  
|||:|||||  
Db 4 KEQEGVILLRGKRE 19

RESULT 48  
US-10-953-349-38191  
; Sequence 38191, Application US/10953349  
; Publication No. US20060107345A1  
; GENERAL INFORMATION:  
; APPLICANT: ALEXANDROV, Nikolai et al.  
; TITLE OF INVENTION: SEQUENCE-DETERMINED DNA FRAGMENTS AND CORRESPONDING POLYPEPTIDES  
; FILE REFERENCE: 2750-1579PUS2  
; CURRENT APPLICATION NUMBER: US/10/953,349  
; CURRENT FILING DATE: 2004-09-30  
; NUMBER OF SEQ ID NOS: 40252  
; SOFTWARE: PatentIn version 3.3  
; SEQ ID NO 38191  
; LENGTH: 451  
; TYPE: PRT  
; ORGANISM: Zea mays subsp. mays  
US-10-953-349-38191

Query Match 42.5%; Score 45; DB 6; Length 451;  
Best Local Similarity 68.8%; Pred. No. 2.5e+02;  
Matches 11; Conservative 1; Mismatches 0; Indels 4; Gaps 1;

Qy 4 KEG----VLLKGKRE 15  
|||:|||||  
Db 95 KEQEGVILLRGKRE 110

RESULT 49  
US-11-520-715-51681  
; Sequence 51681, Application US/11520715  
; Publication No. US20070011783A1  
; GENERAL INFORMATION:  
; APPLICANT: Liu, Jingdong  
; APPLICANT: Zhou, Yihua  
; APPLICANT: Kovalic, David K.  
; APPLICANT: Screen, Steven E.  
; APPLICANT: Tabaska, Jack E.  
; APPLICANT: Cao, Yongwei  
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated with  
; FILE REFERENCE: 38-21(53313)B  
; CURRENT APPLICATION NUMBER: US/11/520,715  
; CURRENT FILING DATE: 2006-09-14  
; NUMBER OF SEQ ID NOS: 73128  
; SEQ ID NO 51681



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; LENGTH: 457
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: 700267284_FLI.pep
US-11-520-715-51681

Query Match      42.5%; Score 45; DB 7; Length 457;
Best Local Similarity 68.8%; Pred. NO. 2.5e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 4; Gaps 1;

Qy      4 KEG----VLLKGGKRE 15
      ||| |||:|||||
Db      101 KEGGVIVLLRGGKRE 116

RESULT 50
US-11-520-715-46783
; Sequence 46783, Application US/11520715
; Publication No. US20070011783A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jingdong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
; APPLICANT: Screen, Steven E
; APPLICANT: Tabaska, Jack E
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53313)B
; CURRENT APPLICATION NUMBER: US/11/520,715
; CURRENT FILING DATE: 2006-09-14
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 46783
; LENGTH: 458
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: 700614637_FLI.pep
US-11-520-715-46783

Query Match      42.5%; Score 45; DB 7; Length 458;
Best Local Similarity 68.8%; Pred. NO. 2.5e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 4; Gaps 1;

Qy      4 KEG----VLLKGGKRE 15
      ||| |||:|||||
Db      102 KEGGVIVLLRGGKRE 117

Search completed: July 12, 2007, 02:03:14
Job time : 64 secs
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